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BIBLIOGRAPHY OF REPORTS CONTAINING ANALYSES OF CRUDE OILS BY THE BUREAU OF MINES ROUTINE METHOD

This report represents work done under a cooperative agreement between the Bureau of Mines, United States Department of the Interior, and the State of Oklahoma

BY

ELIZABETH HUGHES AND O. C. BLADE

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BIBLIOGRAPHY OF REPORTS CONTAINING ANALYSES OF CRUDE OILS BY THE BUREAU OF MINES ROUTINE METHOD[1]

By Elizabeth Hughes[2] and O. C. Blade[3]

Conservation in the utilization of any product is always subject to improvement if the composition and properties of the product are known. Petroleum is no exception, and knowledge of the characteristics of crude oils, even when given on the broad basis of routine type analyses has proved useful to chemists, engineers, and geologists in improving production and utilization of petroleum. For a quarter of a century the Bureau of Mines has sought to provide such information regarding crude oils and has analyzed many samples of petroleum by its standardized routine method. Most of these analyses have been published, sometimes in special compilations, other times in connection with reports of research on petroleum. This report is a finding index for all analyses published up to January 1, 1948.

The routine method used for all these analyses is basically the same as that described by Dean, et al.[4]. Briefly, the procedure consists of testing by standard methods, small samples of a crude oil for gravity, sulfur, color, and viscosity, and of distilling a sample of the crude oil by a standardized procedure and determining certain properties in the separated fractions and residuum. Careful records are made during the procedure, and the distillation data obtained are used to calculate the approximate amounts of products present in the sample - such as percents of gasoline, kerosine, gas oil, and lubricants. The data obtained are recorded on a standard analytical report form. An analysis of a sample of typical midcontinent crude oil is shown in table 1. Compilation of these analyses, sometimes in tabular form and usually for specific geographic areas, are published from time to time. Analyses are often shown in connection with other studies, such as engineering field reports.

This bibliography is a compilation of references to 115 publications, which contain analyses of crude oils by the Bureau of Mines. References may be found to analyses of crude oils from the United States, Canada,

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[1] The Bureau of Mines will welcome reprinting of this paper provided the following footnote acknowledgment is used: "Reprinted from Bureau of Mines Information Circular 7470."

[2] Former librarian, Bureau of Mines, Petroleum Experiment Station, Bartlesville, Okla.

[3] Associate petroleum chemist, Bureau of Mines, Petroleum Experiment Station, Bartlesville, Okla.

[4] Dean, E. W., Hill, H. H., Smith, N. A. C., and Jacobs, W. A. The Analytical Distillation of Petroleum and Its Products: Bureau of Mines Bull. 207, 1922, 82 pp., 3 pls., 33 figs. (Out of print)

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Mexico, and a number of other countries in both hemispheres. A short abstract is given for each publication, with special reference to the analyses for which it is cited.

Table 2 follows the bibliography and is a finding list of 2,457 crude oil samples whose analyses have been published. In this table are listed: In column 1, the fields alphabetically by groups according to continents, countries, and (for this country) States; in column 2, the laboratory sample number; in column 3, a reference number for the publication; and in column 4, the item or other numbers that identify the analyses in their respective publications. Reference C3 supplements references C1 and C2 and should be used in conjunction with them. Names of fields that are synonymous with the fields listed appear in parenthesis with no explanation. The phrase "published as," plus the name not in current use, has been placed after the name of the field that is now accepted. The word "now," plus the name of the field in current use, has been placed after the name that is not accepted. Footnotes give other detailed information.

This work was done under the general supervision of R. A. Cattell, chief, Petroleum and Natural Gas Branch of the Bureau of Mines, Washington, D. C., and H. C. Fowler, supervising engineer, Petroleum Experiment Station, Bureau of Mines, Bartlesville, Okla., and under the direct supervision of Harold M. Smith, senior petroleum chemist, Bureau of Mines, Bartlesville, Okla.

Acknowledgment is made to Miss Patricia Maginnis, who assisted in the compilation. Acknowledgment is also made to Sam S. Taylor, supervising engineer, Petroleum Field Office, Bureau of Mines, Franklin, Pa., who kindly loaned maps and official lists giving present names of oil fields in the Appalachian region.

In addition to the publications of the Bureau of Mines, references are included to articles written by members of the Bureau staff for the technical press and to cooperative reports of work done jointly with States, colleges, and industries. In each section, references are given in chronological order.

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TABLE 1. -- Report of analysis of a crude petroleum by Bureau of Mines routine method

Edmond, West field Sample 4441 Oklahoma
Bois D'Arc Section, Hunton limestone, Devonian Logan County
6,780-6,823 feet 15N-4W-Indian

GENERAL CHARACTERISTICS

Specific gravity, 0.824 A.P.I. gravity, 40.2°
Sulfur, percent, 0.12 Color, green
Saybolt Universal viscosity at 100°F., 41 sec.

DISTILLATION, BUREAU OF MINES ROUTINE METHOD

Distillation at atmospheric pressure, 753 mm. First drop, 26°C. (79°F.)

Fraction No.	Cut °C.	at °F.	Percent	Sum, percent	Sp. gr., 60/60°F.	°A.P.I., 60°F.	C.I.	S.U. visc., 100°F.	Cloud test, °F.
1	50	122	2.1	2.1	0.642	88.9	-		
2	75	167	2.3	4.4	.675	78.1	9.8		
3	100	212	4.9	9.3	.713	67.0	18		
4	125	257	6.5	15.8	.738	60.2	21		
5	150	302	5.5	21.3	.757	55.4	22		
6	175	347	5.0	26.3	.774	51.3	23		
7	200	392	4.7	31.0	.788	48.1	24		
8	225	437	5.6	36.6	.801	45.2	24		
9	250	482	5.1	41.7	.816	41.9	26		
10	275	527	6.6	48.3	.830	39.0	28		

Distillation continued at 40 mm.

Fraction No.	Cut °C.	at °F.	Percent	Sum, percent	Sp. gr., 60/60°F.	°A.P.I., 60°F.	C.I.	S.U. visc., 100°F.	Cloud test, °F.
11	200	392	3.9	52.2	0.841	36.8	29	40	5
12	225	437	7.2	59.4	.849	35.2	29	47	30
13	250	482	7.0	66.4	.860	33.0	31	60	50
14	275	527	5.8	72.2	.869	31.3	32	87	70
15	300	572	6.3	78.5	.877	29.9	33	190	85
Residuum			20.0	98.5	0.914	23.3			

Carbon residue of residuum, 2.9 percent; carbon residue of crude, 0.6 percent.

APPROXIMATE SUMMARY

	Percent	Sp. gr.	°A.P.I.	Viscosity
Light gasoline	9.3	0.688	74.2	
Total gasoline and naphtha	31.0	.740	59.7	
Kerosine distillate	10.7	.808	43.6	
Gas oil	15.9	.839	37.2	
Nonviscous lubricating distillate	12.5	.852-.870	34.6-31.1	50-100
Medium lubricating distillate	5.9	.870-.878	31.1-29.7	100-200
Viscous lubricating distillate	2.5	.878-.881	29.7-29.1	Above 200
Residuum	20.0	.914	23.3	
Distillation loss	1.5			

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BIBLIOGRAPHY

Publications preceded by (*) are obtainable only through Superintendent of Documents, Government Printing Office, Washington 25, D. C. Orders for these publications should not be sent to the Bureau of Mines. Remittances should be included with the order in cash, postal money order, or coupons sold by the Superintendent of Documents in sheets of 20 for $1.00. Postage stamps are not accepted.

Reports of Investigations and Information Circulars are available for free distribution. Applications should be made to Publications Distribution Section, U. S. Bureau of Mines, 4800 Forbes St., Pittsburgh 13, Pa.

Publications indicated as out-of-print (**) may be consulted at depository libraries that receive Bureau of Mines publications.

A. Bulletins

A1.** B 207. The Analytical Distillation of Petroleum and Its Products, by E. W. Dean, H. H. Hill, N. A. C. Smith, and W. A. Jacobs. 1922, 82 pp., 3 pls., 33 figs. Describes methods of analysis developed by the Bureau of Mines for its studies of crude petroleum. Data from the distillation of two crude oil samples are given, page 32.

A2.* B 231. Investigation of Toxic Gases from Mexican and Other High-Sulphur Petroleums and Products, by R. R. Sayers, N. A. C. Smith, A. C. Fieldner, C. W. Mitchell, G. W. Jones, W. P. Yant, D. D. Stark, S. H. Katz, J. J. Bloomfield, and W. A. Jacobs. 1925. 108 pp., 17 pls., 12 figs. 30 cents. (In cooperation with the American Petroleum Institute.) Presents results of field work and laboratory investigations on the refining of Mexican crude oils. Seven analyses of crude oils from Mexico and the United States are included in a chapter on the characteristics of some high-sulfur crude oils, pages 18-24.

A3.** B 284. Production and Development Problems in the Powell Oil Field, Navarro County, Tex., by H. B. Hill and C. E. Sutton. 1928. 123 pp., 35 figs. Presents the results of a detailed study of the pay sands. Includes four individual analyses of crude oil samples from the Woodbine, Corsicana, and Nacatoch sands, pages 106-110.

A4.** B 291. Tabulated Analyses of Representative Crude Petroleums of the United States, by N. A. C. Smith and E. C. Lane. 1928. 69 pp. (In cooperation with the State of Oklahoma.) Presents a tabulation of analyses of 319 samples of crude oils from Alaska, Arkansas, California, Colorado, Illinois, Indiana, Kansas, Kentucky, Louisiana, Montana, New Mexico, New York, Ohio, Oklahoma, Pennsylvania, Texas, Utah, West Virginia, and Wyoming.

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A5.* B 401. Properties of Typical Crude Oils from Fields of the Eastern Hemisphere, by A. J. Kraemer and E. C. Lane. 1937. 169 pp., 8 figs. 20 cents. Presents comments, tabulated data, and individual analyses of 142 samples of crude petroleum obtained from Albania, Czechoslovakia, France, Germany, Great Britain, Italy, Poland, Rumania, Yugoslavia, Greece, Russia, Iran, Iraq, Burma, India, Japan, East Indies, New Zealand, Algeria, Egypt, and Angola.

A6.* B 418. Petroleum and Natural-Gas Fields in Wyoming, by R. H. Espach and H. D. Nichols. 1941. 185 pp., 72 figs., maps in box. $2.25. (In cooperation with the Geological Survey, U. S. Department of the Interior, and the University of Wyoming.) A comprehensive report on Wyoming oil and gas fields; appendix includes 104 analyses of crude oils from 75 fields in Wyoming, pages 124-175.

B. Technical Papers

B1.** TP 322. Experiments in the Use of Back Pressures on Oil Wells, by T. E. Swigart and C. R. Bopp. 1924. 66 pp., 5 pls., 4 figs. Includes analysis of crude oil from Skull Creek (now Hickory Creek) field, Osage County, Okla., page 10.

B2.** TP 346. Properties of Typical Crude Oils from the Producing Fields of the Western Hemisphere, by A. J. Kraemer and L. P. Calkin. 1925. 43 pp. Presents comments, tabulated data, and 48 individual analyses of crude oils typical of the producing districts of Canada, Mexico, Trinidad, Venezuela, Argentina, Colombia, and Peru. For comparison, 12 analyses of typical crude oils of the United States are included.

B3.** TP 428. A Study of the Less-Volatile Oils in Salt Creek (Wyo.) Crude, by H. M. Smith. 1928. 28 pp. Includes analysis of a typical sample of crude oil from the Salt Creek field, page 3.

B4.** TP 449. A Study of the Crude Oil Produced in the Salt Creek Field, Wyoming, by H. P. Rue and I. N. Beall. 1929. 27 pp., 5 figs. Includes analyses of 4 samples of crude oil from Salt Creek field, Wyoming, pages 3-6.

B5.** TP 470. Results of Air Repressuring and Engineering Study of Williams Pool, Putnam-Moran District, Callahan County, Tex., by H. B. Hill. 1930. 69 pp., 28 figs. 15 cents. Includes analyses of two crude oil samples from Williams pool, pages 13-14.

B6.** TP 477. A Study of the Lubricant Fractions of Cabin Creek (W. Va.) Petroleum, by H. M. Smith. 1931. 48 pp., 25 figs. 15 cents. Includes analysis of crude oil from Cabin Creek field, page 3.

B7.** TP 504. Engineering Report of Cotton Valley Field, Webster Parish, La., by J. S. Ross. 1931. 69 pp., 23 figs. Includes analyses of two samples of crude oil from Cotton Valley field, pages 49-50.

B8.* TP 538. A Survey of the High-Sulphur Crude Oils (Black Oils) Produced in Wyoming, by H. M. Thorne and Walter Murphy. 1932. 56 pp., 3 figs. 10 cents. Presents analyses of 36 Wyoming "black oil" samples.

B9.* TP 554. Solubility and Liberation of Gas from Natural Oil-Gas Solutions, by Ben E. Lindsly. 1933. 65 pp., 16 figs. 10 cents. Includes three analyses of crude oils from Oklahoma City field, Okla., pages 51-53, and three analyses of crude oils from California, pages 54-56.

B10.* TP 607. Tabulated Analyses of Texas Crude Oils, by A. J. Kraemer and Gustav Wade. 1939. 37 pp., 1 fig. 15 cents. Presents in tabulated form 480 analyses of crude oil samples. Some of these analyses were previously published in RI 3252.

B11.* TP 610. Correlation Index to Aid in Interpreting Crude-Oil Analyses, by H. M. Smith. 1940. 34 pp., 4 figs. 10 cents. Discusses meaning of the correlation index and its application to Bureau of Mines analyses of crude oils. Includes analyses of 15 samples of crude petroleum.

C. Reports of Investigations

C1.** RI 2202. Properties of Typical Crude Oils from the Eastern Producing Fields of the United States, by E. W. Dean. 1921. 57 pp. Presents 40 analyses of crude oils from New York, Pennsylvania, West Virginia, Ohio, Kentucky, Indiana, Illinois, Kansas, Oklahoma, Wyoming, and California.

C2.** RI 2235. Properties of Typical Crude Oils from the Producing Fields of the Rocky Mountain District, by E. W. Dean, M. B. Cooke, and A. D. Bauer. 1921. 50 pp. Presents tabulated data and individual analyses of 27 samples of crude petroleum from Wyoming, Montana, and Colorado. For comparison, nine additional analyses of crude oils from Pennsylvania, West Virginia, Ohio, Kentucky, Indiana, Illinois, Kansas, Oklahoma, and California are included.

C3.** RI 2290. Viscosities and Pour Tests of Typical Crude Oils from the Eastern and Rocky Mountain Producing Fields of the United States, by E. W. Dean, A. D. Bauer, and W. B. Lerch. 1921. 5 pp. Supplements data in RI 2202 and RI 2235. Viscosity determinations at two temperatures and pour tests are given for 50 different samples of crude petroleum, whose distillation analyses are in the two reports.

C4.** RI 2293. Properties of Typical Crude Oils from the Producing Fields of Northern Texas, Northern Louisiana, and Arkansas, by E. W. Dean, M. B. Cooke, and C. R. Bopp. 1921. 50 pp. Analyses of 28 samples of crude oils from northern Texas, northern Louisiana, and Arkansas, and, for comparison, analyses of crude oils from fields of Pennsylvania, West Virginia, Ohio, Kentucky, Indiana, Illinois, Kansas, Oklahoma, Wyoming, Texas Gulf Coast, and California are presented.

C5.** RI 2322. Properties of Typical Crude Oils from the Producing Fields of Kansas, by E. W. Dean, M. B. Cooke, and A. D. Bauer. 1922. 51 pp. Analyses of 27 samples of Kansas crude oils and, for comparison, 13 analyses of crude oils from fields of Pennsylvania, West Virginia, Ohio, Kentucky, Indiana, Illinois, Oklahoma, Texas, Louisiana, Arkansas, Wyoming, and California are presented.

C6.** RI 2364. Properties of Typical Crude Oils from the Producing Fields of Oklahoma, by E. W. Dean, A. D. Bauer, M. B. Cooke, and C. R. Bopp. 1922. 77 pp. Analyses of 49 samples of crude oils from fields in Oklahoma and, for comparison, 13 analyses of crude oils from fields in Pennsylvania, West Virginia, Ohio, Kentucky, Indiana, Illinois, Kansas, Texas, Louisiana, Arkansas, Wyoming, and California are included.

C7. RI 2416. Properties of Typical Crude Oils from the Producing Fields of Southern Louisiana and Southern Texas, by N. A. C. Smith, M. B. Cooke, and A. D. Bauer. 1922. 69 pp., 1 fig. Analyses of 38 samples of crude petroleum from fields in southern Louisiana and southern Texas and, for comparison, 13 analyses of crude oils from fields in Arkansas, California, Illinois, Indiana, Kansas, Kentucky, Louisiana, Ohio, Oklahoma, Pennsylvania, Texas, West Virginia, and Wyoming.

C8.** RI 2450. Petroleum Engineering in the Skull Creek Oil Pool, Northeastern Osage County, Okla., by T. E. Swigart. 1923. 9 pp., 1 fig. Experiments in this field, now known as Hickory Creek, are described. One analysis of crude oil is included, page 6.

C9.** RI 2582. The Distribution of Sulphur in Crude Petroleum, by N. A. C. Smith and D. D. Stark. 1924. 17 pp., 3 figs. Includes eight analyses of samples of crude oil from Mexico, Texas, Wyoming, Arkansas, Oklahoma, and Ohio, pages 10-17.

C10.** RI 2595. Properties of Typical Crude Oils from the Producing Fields of California, by A. J. Kraemer and H. M. Smith. 1924. 55 pp. Presents discussion and tabulated data on 92 samples of crude oil from fields of California for which 38 individual analyses are shown.

C11. RI 2608. Properties of California Crude Oils. II. Additional Analyses, by A. J. Kraemer and H. M. Smith. 1924. 55 pp. Presents 54 analyses of crude oils from California. Data from these analyses were included in the tabulation in RI 2595.

C12.** RI 2632. An Experimental Still for the Detailed Study of Crude Petroleum, by M. B. Cooke. 1924. 21 pp., 5 figs. Includes analysis of Wyoming crude oil, page 19.

C13.** RI 2806. The Interpretation of Crude-Oil Analyses, by N. A. C. Smith. 1927. 20 pp., 6 figs. Describes system for interpreting analyses and of classifying crude oils. Includes analyses of four crude oils, each typical of its class, pages 13-16.

C14.** RI 2807. Properties of Typical Crude Oils from the Producing Fields of Venezuela, by A. J. Kraemer. 1927. 7 pp. Presents discussion, tabulation of data, and analyses of six crude oils from Venezuela. Several analyses of crude oils from the United States are included for comparison.

C15.** RI 2808. Analyses of Spindletop (Texas) Crude Oils, by A. J. Kraemer and Peter Grandone. 1927. 5 pp. Presents discussion, tabulation of data, and analyses of 14 samples of Spindletop crude oil.

C16. RI 2824. Analyses of Crude Oils from the Seminole District, Oklahoma, by A. J. Kraemer. 1927. 18 pp. Presents discussion, tabulation of data, and analyses of 13 samples of crude oil from fields in the Seminole District.

C17.** RI 2846. Properties of California Crude Oils. III. Additional Analyses, by A. J. Kraemer. 1927. 27 pp. Tabulation of some data and individual analyses of 22 samples of petroleum from Ventura, Los Angeles, and Orange Counties, Calif.

C18. RI 2849. Analyses of Crude Oils from the West Texas District, by A. J. Kraemer, Peter Grandone, and C. S. Luce. 1927. 18 pp. Discussion, tabulation, and analyses of 12 samples of crude oil.

C19.** RI 2893. Volumetric and A.P.I. Gravity Changes Due to the Solution of Gas in Crude Oils, by R. Van A. Mills and R. E. Heithecker. 1928. 15 pp., 5 figs. (In cooperation with the State of Oklahoma.) Includes analyses of three crude oils from Oklahoma and California, pages 4-6.

C20.** RI 3035. Recovery of Oil from Sands by the "Gas-Drive," by Joseph Chalmers, I. H. Nelson, and D. B. Taliaferro. 1930. 12 pp., 6 figs. (In cooperation with the State of Oklahoma.) Describes method of stimulating production of oil by injecting gas or air into wells. Includes an analysis of crude oil from the Bartlesville field, Oklahoma, which was used in the experiments, page 4.

C21.** RI 3059. Development and Production History on the Salt Flat and Other Fault Fields of East Texas, by H. B. Hill, E. V. H. Bauserman, and C. B. Carpenter. 1931. 46 pp., 13 figs. Includes an analysis of crude oil from Salt Flat field, page 46.

C22.** RI 3066. The Use of Aluminum for Oil Lease Tanks: Part I, Field Tests, by Ludwig Schmidt, John M. Devine, and C. J. Wilhelm. 1931. 17 pp., 3 figs. (In cooperation with the State of Oklahoma, The Aluminum Co. of America, the Gulf Oil Corp., and the Parkersburg Rig and Reel Co.) Includes an analysis of a representative sample of crude oil from Panhandle field, Texas, page 8.

C23. RI 3074. Properties of California Crude Oils. IV. Additional Analyses, compiled by A. J. Kraemer. 1931. 12 pp. Discusses results and presents tabular data and analyses of eight California crude oils.

C24. RI 3130. Properties of Typical Crude Oils from the East Texas Field, by E. L. Garton. 1931. 7 pp. Presents discussion, tabulation of some data, and five analyses of samples of crude oils from Van and East Texas fields.

C25.** RI 3174. Properties of Crude Oil from the Greasewood Flat Area in Colorado, by H. P. Rue. 1932. 3 pp. Presents analyses of two samples of crude oil from Greasewood field.

C26.** RI 3180. Analyses of Crude Oils from the Oklahoma City Field, Okla., by E. L. Garton. 1932. 29 pp. (In cooperation with the State of Oklahoma.) Presents discussion, tabular data, and analyses of 21 samples of crude oil from Oklahoma City field with one analysis of crude oil from Seminole field, Oklahoma, for comparison.

C27.** RI 3251. Engineering Studies and Results of Acid Treatment of Wells, Zwolle Oil Field, Sabine Parish, La., by R. E. Heithecker. 1934. 35 pp., 14 figs. Includes an analysis of crude oil from this field, page 19.

C28.** RI 3252. Tabulated Analyses of Texas Crude Oils, by Gustav Wade. 1934. 40 pp., 1 fig. Presents in condensed tabular form 313 analyses of Texas crude oils. Tabulation arranged in six geographic divisions.

C29.** RI 3253. Analyses of Crude Oil from Some Fields of Southern Louisiana, by A. J. Kraemer and E. L. Garton. 1934. 36 pp. Presents discussion, tabular data, and individual analyses of 26 samples of crude oil.

C30. RI 3279. "Base" of a Crude Oil, by E. C. Lane and E. L. Garton. 1935. 12 pp. Presents seven analyses of crude oils from West Virginia, Oklahoma, Louisiana, Wyoming, and Texas to illustrate characteristics of the "base" classification, pages 3-9.

C31. RI 3297. Preliminary Report on the Disposal of Oil-Field Brines in the Ritz-Canton Oil Field, McPherson County, Kansas, by C. J. Wilhelm and Ludwig Schmidt. 1935. 20 pp., 6 figs. (In cooperation with the Kansas State Board of Health.) Includes two analyses of crude oils from Ritz-Canton field, pages 9-11.

C32.** RI 3316. Petroleum Engineering Report, Big Spring Field and Other Fields in West Texas and Southeastern New Mexico, by Charles B. Carpenter and H. B. Hill. 1936. 223 pp., 40 figs. (In cooperation with the Chamber of Commerce, Midland, Tex.) Inquire Chamber of Commerce, Midland, Tex. Price $1.00. Includes four analyses of crude oils from Howard-Glasscock (Big Spring) field, pages 32, 41, 48, 63, and general characteristics and summaries of distillation tests from three analyses of crude oils from the same field, page 76; five from Big Lake field, pages 164 and 176-179; two from Hobbs field, pages 198-199; and one analysis each of samples from Yates field, page 110; Hendrick field, page 132; McElroy field, page 144; Penn field, page 208; and Westbrook field, page 220.

C33.** RI 3325. A Study of Oxidation of the Oil in Two Air- and Air-Gas Repressuring Projects, by T. W. Johnson and S. S. Taylor. 1937. 24 pp., 1 fig. Discusses tests on crude oils from repressuring projects in two fields to determine effects of oxidation. Analyses are shown of four crude oil samples from Martha field, Kentucky, pages 10-13, and of four samples from Delaware-Childers field, Oklahoma, pages 19-22.

C34. RI 3346. Analyses of Crude Oils from Some Fields in Michigan, by E. L. Garton. 1937. 28 pp., 1 fig. Presents discussion of fields sampled, discussion of data, and individual analyses of 15 samples of Michigan crude oils and, for comparison, an analysis of a Pennsylvania petroleum.

C35. RI 3358. Analyses of Crude Oils from Some of the More Recently Discovered Rocky Mountain Fields, by Walter Murphy and H. M. Thorne. 1937. 24 pp. (In cooperation with the University of Wyoming.) Presents brief histories and production data of 10 fields, discussion of characteristics of crude oils produced, and 12 analyses of samples from these fields.

C36. RI 3362. Properties of California Crude Oils. V. Additional Analyses, by E. C. Lane and E. L. Garton. 1937. 21 pp. Brief discussion of results, tabulation of analytical data, and individual analyses of 16 samples from 10 fields.

C37.** RI 3385. Analyses of Crude Oils from Some Fields of Pennsylvania and New York, by E. C. Lane and E. L. Garton. 1938. 68 pp. Presents a brief description of samples grouped by counties or fields, a tabulation of some data, and 58 individual analyses of crude oil samples.

C38.** RI 3396. Calibration of Positive-Displacement Oil Meters, by R. E. Heithecker and W. B. Berwald. 1938. 21 pp., 4 figs. (In cooperation with the State of Oklahoma.) Includes analysis of a crude oil from the Oklahoma City field, page 20.

C39. RI 3402. Flow Characteristics, Composition, and Some Liquid-Phase Properties of Hydrocarbon Fluids from a "Combination" Well, by C. K. Eilerts and M. A. Schellhardt. 1938. 34 pp., 15 figs. Includes an analysis of a sample of crude oil (condensate) production from Cayuga field, Texas, page 26.

C40. RI 3417. Survey of Crude Oil in Storage, 1936-1937, by Petroleum Economics Division and Petroleum and Natural Gas Division, Bureau of Mines. 1938. 51 pp., 5 figs. Presents study and statistics on crude oil in storage. Nineteen complete analyses, in tabular form, of "pipeline-run" samples are included, pages 48-51.

C41. RI 3423. Chemical and Refining Study of Some Wyoming Black Oils, by H. M. Thorne and Walter Murphy. 1938. 39 pp., 1 fig. (In cooperation with the University of Wyoming.) Gives results of experiments on thermodecomposition of black oils, chemical treatment, and tests of the naphtha before and after processing. Includes individual analyses of crude oils from Oregon Basin, Dallas-Derby, and Garland fields, pages 36-39.

C42. RI 3435. Some Asphalts from Oregon Basin (Wyoming) Crude Oil, by K. E. Stanfield. 1939. 17 pp., 9 figs. (In cooperation with the University of Wyoming.) Presents description of apparatus and procedure for reducing asphaltic crude oil to asphalt and results of tests. Report includes an analysis of crude oil from Oregon Basin field, page 7.

C43. RI 3442. Analyses of Crude Oils from Some Fields of Oklahoma, by O. C. Blade. 1939. 29 pp. (In cooperation with the State of Oklahoma.) Discusses briefly the properties of crude oil samples collected in some of the major producing fields of Oklahoma; gives a summary of some of the characteristics of the crude oils; and presents 44 individual analyses of samples of crude petroleum.

C44. RI 3474. Properties of a Petroleum-Reservoir Liquid and Its Residua, with Applications of the Data to Production Problems, by Kenneth Eilerts, R. Vincent Smith, and Alton B. Cook. 1939. 47 pp., 15 figs. Includes an analysis of a crude oil from Laredo field, Kansas, page 20.

C45. RI 3476. Properties of Louisiana Crude Oils. II. Additional Analyses, by E. L. Garton. 1939. 85 pp. Presents a brief history and production data for each field represented, a discussion of the analyses, a tabular summary of some of the data, a list of analyses of Louisiana crude oils previously published, and individual analyses of 72 samples of crude petroleum from 45 fields.

C46. RI 3486. Survey of Crude Oils of the Producing Fields of Arkansas, by O. C. Blade and George Branner. 1940. 40 pp., 1 fig. (In cooperation with the Arkansas Geological Survey.) Describes the oil fields in Arkansas and discusses characteristics of their crude oils. Includes tabular summary of some of the analytical data and individual analyses of 45 samples from 24 fields in 6 counties.

C47. RI 3532. Analyses of Some Illinois Crude Oils, by H. M. Smith. 1940. 27 pp., 1 fig. Characteristics of samples of crude oil from new Illinois fields are discussed briefly, tabulation is shown of some analytical data, and complete analyses are given of 42 samples from 29 fields.

C48. RI 3568. Asphalts from Some Wyoming and Other Asphalt-Bearing Crude Oils, by K. E. Stanfield. 1941. 53 pp., 16 figs. (In cooperation with the University of Wyoming.) Describes the preparation and properties of the asphalt fractions from some Wyoming, Arkansas, California, and Mexico crude oils. Includes analyses of 13 samples of crude oil used in the study, pages 47-53.

C49. RI 3573. Use of Brine in a Kansas Field for Secondary Recovery of Oil, by C. J. Wilhelm, Sam S. Taylor, W. C. Holliman, and E. O. Owens. 1941. 31 pp., 9 figs. (In cooperation with the Kansas State Board of Health.) Presents description of a "flood project" in eastern Kansas. Includes analysis of a crude oil sample from McCune field, page 15.

C50. RI 3579. Petroleum-Engineering Study of the Anahuac Field, Chambers County, Tex., by C. B. Carpenter and H. J. Schroeder. 1941. 37 pp., 15 figs. Discusses geology, development, and production methods in the Anahuac field. Includes analyses of two samples of crude oil from the Frio and Marginulina sands, pages 20-21.

C51. RI 3592. Analyses of Crude Oils from Some Fields of Oklahoma. II. Southern Oklahoma, by E. L. Garton. 1941. 27 pp., 4 figs. (In cooperation with the State of Oklahoma.) Presents brief discussion of analyses, tabulation of some data, and individual analyses of 27 samples of crude oils from southern Oklahoma and, for comparison, five analyses of crude oils from other fields in Oklahoma and one analysis of a Texas crude oil. A table referring to previously published analyses of Oklahoma crude oils is included.

C52. RI 3642. Specific Volume and Phase-Boundary Properties of Separator-Gas and Liquid-Hydrocarbon Mixtures, by Kenneth Eilerts and R. Vincent Smith. 1942. 57 pp., 21 figs. (In cooperation with the American Gas Association.) Study of phase relationships of gas and liquid fluids from condensate-type oil wells. Includes tabulated data from analyses of eight condensate samples from Cayuga field, Texas, page 53.

C53. RI 3660. Crude Oils of New Mexico, by E. C. Lane. 1942. 30 pp. Presents tabular data and 50 individual analyses of crude oils from 41 fields in New Mexico. Includes similar tabulated data for fields whose analyses have been previously published.

C54. RI 3688. Analyses of Crude Oil from Some Fields in Kansas, by E. C. Lane and E. L. Garton. 1943. 95 pp. Presents in tabular form discovery and production information on 120 oil fields in Kansas. Shows tabular data and 174 analyses of crude oil samples from these fields.

C55. RI 3699. Analyses of Crude Oils from Some Fields of Texas, by E. C. Lane. 1943. 52 pp. Presents information on discovery and production of 74 fields in Texas and gives tabular data and 90 individual analyses of samples of crude oil from these fields.

C56. RI 3720. Magnolia Oil Field, Columbia County, Ark. Part I, Petroleum-Engineering Study, by Charles B. Carpenter and H. J. Schroeder. Part II, Derivation and Application of Material-Balance Equations, by Alton B. Cook. 1943. 115 pp., 22 figs. (In cooperation with the Arkansas Oil and Gas Commission.) Part I describes successful application of good engineering principles in a typical "water-drive" field. Part II presents a method of applying material-balance equations. Included in the report is an analysis of a sample of the crude oil produced, page 43.

C57. RI 3744. Analyses of Crude Oils from Some West Texas Fields, by Boyd Guthrie. 1944. 45 pp. Presents 43 analyses of crude oil samples from fields in west Texas.

C58. RI 3761. History of Water-Flooding of Oil Sands in Kansas, by Peter Grandone. 1944. 146 pp., 52 figs. (In cooperation with the Kansas State Board of Health.) Report describes history and effects of water flooding in Kansas. Includes analysis of crude oil samples from six fields, pages 13-18.

C59. RI 3779. Horizontal Drilling for Oil in Pennsylvania, a Preliminary Report, by C. W. Elder, Jr. 1944. 68 pp., 14 figs. Describes project in Franklin Heavy field. Includes an analysis of crude oil, page 8.

C60. RI 3783. Air and Gas Injection in the Oil Fields of Illinois, by C. M. Keithly and Thomas Jennings. 1944. 60 pp., 20 figs. Report gives information on 99 air- and gas-injection projects in Illinois stripper oil fields of which four are described in detail. Included are four individual analyses of crude oil samples from the Robinson, Plymouth, and Colmar fields, pages 27, 37, 47, and 58.

C61. RI 3792. Water Flooding of the McClosky Limestone in Clay City Oil Field, Clay County, Ill., by C. H. Riggs. 1945. 20 pp., 15 figs. Report describes and discusses water flooding in the Clay City field. Includes an analysis of a crude oil sample, page 11.

C62. RI 3802. Analyses of Crude Oils from Some Fields of Oklahoma. III. Additional Analyses, by O. C. Blade. 1945. 139 pp. Presents information on discovery and production of 153 fields represented, tabulated data and 248 analyses of crude oil samples, and a list of published analyses of Oklahoma crude oils.

C63. RI 3818. Gas Injection into the McClosky Limestone in the Griffin and New Harmony Oil Fields, Indiana and Illinois, by C. H. Riggs. 1945. 28 pp., 17 figs. Presents a discussion of the development, production, and reservoir conditions in the two fields and the estimated oil gained. Includes an analysis of a crude oil from the New Harmony field by the Illinois Geological Survey, page 20.

C64. RI 3906. History of Water-Flooding of Oil Sands in North Texas, by Peter Grandone, D. A. Jessup, and D. B. Taliaferro. 1946. 117 pp., 49 figs. Describes methods of development and operation and gives results of systematic water flooding of oil sands in north Texas. Includes individual analyses of five samples of crude oil from fields in this area, pages 15-19.

C65. RI 4019. Secondary-Recovery Practices and Oil Reserves in the Eastern Part of the Delaware-Childers Field, Nowata County, Okla., by Kenneth H. Johnston and C. H. Riggs. 1946. 50 pp., 30 figs. (In cooperation with the State of Oklahoma.) A study of a successful air- and gas-repressuring project. Includes an analysis of a crude oil sample from the field, page 21.

C66. RI 4034. Properties of Louisiana Crude Oils. III. Additional Analyses, by O. C. Blade and E. L. Garton. 1946. 50 pp. Presents information on discovery and production of 64 fields, tabulated data, and 82 analyses of crude oil samples, and a list of published analyses of Louisiana crude oils.

C67. RI 4054. Special Studies of Reservoir Oils in Naval Petroleum Reserve No. 1, Elk Hills Field, Calif., by Alton B. Cook and G. B. Shea. 1947. 60 pp., 31 figs. Includes analyses of five samples of crude oil from the field, pp. 28-29, 36, 44, 51, 59.

C68. RI 4289. Analyses of Crude Oils from 283 Important Oil Fields of the United States, by C. M. McKinney and O. C. Blade. Individual analyses of 304 samples of crude oil are presented in alphabetical order by state and field name. In a table are included information on the sources of the samples and data on some of the characteristics as revealed by the analyses.

D. Engineering Field Reports

D1.** Petroleum Engineering in the Deaner Oil Field, Okfuskee County, Oklahoma, by M. J. Kirwan and F. X. Schwarzenbek. 1921. 72 pp., 1 pl., 21 figs. (In cooperation with the State of Oklahoma and the Bartlesville Chamber of Commerce.) Engineering study of the field. Includes analyses of two crude oil samples, pages 39-40.

D2.** Report of Operations, Rocky Mountain Petroleum Association from May 16, 1919 to May 15, 1921, by F. B. Tough and others. 1921. 93 pp., 24 figs. (In cooperation with the Rocky Mountain Petroleum Association.) Reports on work in seven fields. Analyses of three crude oils from Mule Creek field included, pages 60-62.

D3.** The El Dorado, Arkansas, Oil and Gas field, by A. W. Bell and J. B. Kerr, 1922. 93 pp., 5 figs. (In cooperation with the U. S. Geological Survey, University of Arkansas, and the Arkansas State Bureau of Mines, Manufacturers, and Agriculture) Engineering study of the field. Includes analysis of a crude oil sample, page 49.

D4.** The Haynesville Oil Field, Claiborne Parish, Louisiana, by W. W. Scott and B. K. Stroud. Louisiana Department of Conservation Bulletin No. 11. 1922. 26 pp., 2 figs. (In cooperation with the Bureau of Mines.) Engineering study of the field. Includes analysis of a crude oil sample, page 10.

D5.** Petroleum Engineering in the Slick Oil Field, Creek County, Oklahoma, by F. X. Schwarzenbek and J. S. Ross. 1922. 67 pp., 5 pls., 15 figs. (In cooperation with the State of Oklahoma and the Bartlesville Chamber of Commerce.) Includes analyses of three crude oil samples, pages 48-50.

D6.** Preliminary Report on Petroleum Engineering in the Tonkawa Oil Field, Kay and Noble Counties, Oklahoma, by J. S. Ross. 1923. 36 pp., 6 figs. (In cooperation with the State of Oklahoma.) Engineering study of field. Includes four analyses of crude oil samples, pages 29-32.

D7.** Engineering Report of the Chickasha Gas Field, Grady County, Oklahoma, by M. J. Kirwan and T. E. Swigart. 1923. 32 pp., 8 figs. (In cooperation with the State of Oklahoma and the Bartlesville Chamber of Commerce.) Includes an analysis of a crude oil sample from the field, page 29.

D8.** Petroleum Engineering in the Cromwell Oil Field, Seminole and Okfuskee Counties, Oklahoma, by C. O. Rison and J. R. Bunn. 1924. 38 pp., 6 figs. (In cooperation with the Office of Indian Affairs and the State of Oklahoma.) History of the field, study of its structure, drilling methods, production, and water problems. Includes an analysis of a sample of the crude oil, page 25.

D9. Petroleum Engineering in the Fox and Graham Oil and Gas Fields, Carter County, Oklahoma, by H. C. George and J. R. Bunn. 1924. 81 pp., 3 pls., 10 figs. (In cooperation with the Office of Indian Affairs, the State of Oklahoma, and the Ardmore Chamber of Commerce.) Inquire of the Chamber of Commerce, Ardmore, Okla. Price $1.00. Field engineering report. Includes nine analyses of crude oils from the Fox, Graham, and Wildcat Jim fields, pages 68-76.

D10.** Engineering Report on the Smackover Oil and Gas Field, Union and Ouachita Counties, Arkansas, by P. S. Haury and R. B. Kelly. 1924. 30 pp., 7 pls., 4 figs. (In cooperation with the Chamber of Commerce, El Dorado, Arkansas.) Report presents results of a study of three important sub-surface oil zones in the field. Includes five analyses of crude oil samples, pages 10-14.

D11.** Petroleum Engineering in the Lance Creek Field, Niobrara County, Wyoming, by K. B. Nowels and E. J. Dewees. 1926. 54 pp., 10 figs. (In cooperation with the University of Wyoming.) Study of water encroachment problem in this field. Includes analyses of two crude oil samples, pages 53-54.

D12.** Petroleum Engineering in the Papoose Oil Field, Okfuskee and Hughes Counties, Oklahoma, by J. R. Bunn. 1926. 61 pp., 6 figs. Oklahoma Geological Survey Bull. 36. (In cooperation with the Bureau of Mines.) Study of the field. Includes two analyses of crude oils from the Gilcrease and Papoose fields, pages 49-50.

D13.** Engineering Report on the Davenport Oil Field, Lincoln County, Oklahoma, by R. R. Brandenthaler, K. C. Sclater and H. M. Kent. 1926. 48 pp., 12 figs. (In cooperation with the State of Oklahoma and the Bartlesville Chamber of Commerce) Engineering field report. Includes analyses of two crude oil samples, pages 47-48.

D14.** Petroleum Engineering in Wortham Oil Field, Limestone and Freestone Counties, Texas, by H. B. Hill and Chase E. Sutton. 1927. 55 pp., 6 pls., 11 figs. Study of development, geology and structure, operating methods, and water problems of Wortham field. Includes an analysis of the crude oil based upon the averages of four samples, page 21.

D15.** Engineering Study of the Texhoma-Gose Pool, Archer County, Texas, with Special Reference to Methods of Increasing Recovery, by Chase E. Sutton, Carol J. Wakenhut, and H. B. Hill. 1928. 45 pp., 12 figs. (In cooperation with the North Texas Geological Society.) Includes two analyses of crude oil samples, pages 6-7.

D16. Preliminary Engineering Report on the Seminole Pool, Seminole County, Oklahoma. 1928. 181 pp., 9 figs. (In cooperation with the State of Oklahoma.) Inquire Bureau of Mines, Bartlesville, Okla. Study of history, geology, structure, production, and water and corrosion problems of the field. Includes analyses of two crude oil samples, pages 28-29.

E. Information Circulars

E1.** IC 6014. Analyses of Panhandle and Big Lake (Tex.) Crude Oils, by N. A. C. Smith. 1926. 11 pp. Gives brief discussion, tabulation of some data, and detailed analyses of four Panhandle and two Big Lake crude oils and, for comparison, analyses of two crude oil samples from Lima District, Ohio.

F. Press Releases

Some analyses of crude oils have appeared in Bureau of Mines press releases. Most of these analyses have been included later in reports of investigations. In the releases listed below, however, are analyses which have not been published elsewhere.

F1.** Bureau of Mines Analyzes Oil from New Wyoming Well. July 12, 1935. Brief discussion and analysis of sample from discovery well of Medicine Bow field, Carbon County, Wyoming.

F2.** Bureau of Mines Analyzes Sherman, Michigan, Crude Oil. January 16, 1937. Discussion and analysis of sample from discovery well of field.

F3.** Oil from Recently Discovered California Field Analyzed by Bureau of Mines. October 24, 1938. Gives brief discussion of the field and character of the oil and an analysis of crude oil from deep pay horizon in Eastside Coalinga field, Fresno County, California.

F4.** Petroleum from Falls City, Nebraska, Field. July 3, 1940. Brief discussion and analysis of crude oil sample from second producing well in Nebraska.

F5.** Analysis of Crude Oil from a Recent Discovery Well in Phillips County, Kansas. October 18, 1940. Brief discussion and analysis of a sample from discovery well in Logan pool, now Ray field.

F6.** March 6, 1946. Discussion of increased activities in the Rangely field, Colorado, and two analyses of crude oil samples.

G. Other Publications

G1.** The Oil and Gas Resources of New Mexico, by Dean E. Winchester. New Mexico State Bureau of Mines and Mineral Resources Bull. No. 9. 1933. 223 pp., 33 pls., 11 figs. Geological study of New Mexico with reference to oil and gas. Includes four analyses, by the Bureau of Mines, of crude oils from two fields, pages 98 and 152.

G2. The Nature of Crude Petroleum, Gulf Coast, by A. J. Kraemer. Science of Petroleum, Vol. II, London, Oxford University Press. 1938. pp. 858-865. Discusses the crude oils of coastal Louisiana and Texas. In tables I and II are data from 184 Bureau of Mines analyses of crude oils.

G3. Geology and mineral resources of Washington County, Oklahoma, by Malcolm C. Oakes. Oklahoma Geological Survey Bull. No. 62. 1940. 208 pp., 3 pls., 19 figs. (Obtainable from the Oklahoma Geological Survey, Norman, Oklahoma, 80 cents.) A geologic and economic mineral study of Washington County. Includes five analyses by the Bureau of Mines of crude oils from wells in the county, pages 109-114.

G4. The Oil and Gas Industry of Colorado, by Clark F. Barb. Colorado School of Mines Quarterly, vol. 37, No. 2, April 1942. 130 pp., 1 pl., 29 figs. (Obtainable from the Colorado School of Mines, Golden, Colo., $2.00.) Report presents a general history and geology of the producing fields in the state and more detailed information on the individual fields. The oil refining industry in Colorado is reviewed, and other information on consumption of petroleum products, oil shale and coal substitutes, and on the petroleum laws is given. Included are 19 analyses of crude oils by the Bureau of Mines at Laramie, Wyoming, pages 81-90.

G5. The Oil and Gas Resources of New Mexico, compiled by Robert L. Bates, New Mexico Bureau of Mines Bull. No. 18. 1942. 320 pp., 35 pls., 22 figs. Second edition, supersedes Bull. 9. (Obtainable from New Mexico Bureau of Mines and Mineral Resources, Socorro, New Mexico, $2.50.) Study of geology and oil and gas fields in New Mexico similar to Bull. 9. Four analyses of crude oils by the Bureau of Mines are included, pages 97 and 171.

G6. Relationship of Crude Oils and Stratigraphy in Parts of Oklahoma and Kansas, by Research Committee, Tulsa Geological Society. Bull. Am. Assoc. Petroleum Geol. 31, 1947, pp. 92-148. A study is shown from tabulated data of several hundred analyses of crude oils, of some correlations between the character of the oils and their geological environments. One complete crude oil analysis is given on page 95.

G7. (In press) United States Crude Oils 1935-1945, by Harold M. Smith. Science of Petroleum, Vol. V. London, Oxford University Press. Discusses the applications of analyses of crude oils and studies of their naphthas. In table II are data from 165 Bureau of Mines analyses of crude oils from principal fields in the United States.

Original from THE OHIO STATE UNIVERSITY

TABLE 2. — Finding list for crude-oil analyses

Field	Sample number	Reference designation	Item in reference
NORTH AMERICA			
United States			
Alaska			
Katalla or Controller Bay	23276	A4	1
Arkansas			
Atlanta	39001	C46	1
		G7	1
do	39002	C68	1
Bradley	25573	C46	2
Buckner	38199	C46	4
Camden (published as Bragg well /Camden/)	39003	C46	3
Champagnolle (Rainbow City)	38304	C46	17
do	38305	C46	19
do	38306	C46	20
do	38211	C46	18
do	39005	C46	16
El Dorado, East	38212	C46	5
El Dorado, South (published as El Dorado)	716	C4	p. 38
		C14	p. 20
		D3	p. 49
do	717	A4	2
		C4	p. 39
		C5	p. 48
		C6	p. 74
		C7	p. 57
		C9	p. 14
do	979	A2	p. 20
		A4	3
		C9	p. 3
do	980	A4	4
do	38297	C46	6
do	38299	C46	7
Dorcheat-Macedonia	42044	C68	2
Falcon	39004	C46	8
Garland City	38216	C46	10
Hillsboro (published as Fourteen-eighteen-fourteen)	38303	C46	9
Irma	23275	A4	5
do	38217	C46	11
do	394-7	C48	p. 49

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in Reference
Arkansas (Cont.)			
Lens well	38203	C46	12
Lewisville (Stamps)	39178	C46	13
Lisbon	38213	C46	14
Magnolia	38191	C46	15
		G7	2
do	41454	C56	Table 9
do	42084	C68	3
McKamie	42047	G7	3
Midway	42011	G7	4
		C68	4
Rodessa	38200	C46	22
do	38201	C46	23
do	38202	C46	21
Schuler	38193	C46	24
do	38194	C46	27
		G7	5
do	38195	C46	28
do	38196	C46	26
do	38198	C46	25
do	41295	C68	5
Smackover	23256	A4	6
		D10	p. 12
do	23260	A4	7
		D10	p. 14
do	23503	D10	p. 10
do	23509	A4	8
		D10	p. 11
do	24229	A4	9
		D10	p. 13
do	37053	C40	17
		C68	6a
do	28214	C46	35
do	38215	C46	36
do	38284	C46	31
do	38285	C46	29
do	38288	C46	30
do	38289	C46	32
do	38290	C46	33
		C68	6b
do	38291	C46	34
do	394-19	C48	p. 52
do (published as Snow Hill)	38293	C46	37

Original from THE OHIO STATE UNIVERSITY

TABLE 2. -- Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Arkansas (Cont.)			
Stephens	281002	C46	38
do	39006	C46	39
do	46083	G7	7[1]
		C68	7
Troy	38219	C46	41
do	39007	C46	40
Urbana	38300	C46	43
do	38302	C46	42
do	394-20	C48	p. 53
Village	38192	C46	44
		C68	8
Woodley	23463	A4	10
do	38296	C46	45
California			
Aliso Canyon	39099	G7	35
		C68	9
Antelope Hills	42186	G7	8
Arroyo Grande	1170	A4	11
		C10	p. 50
Bardsdale	1167	A4	12
		C10	p. 43
Belridge, North	1101	A4	51
		C10	p. 20
do	1102	A4	52
		C11	p. 7
do	31044	C36	p. 10
		C68	10
Belridge, South (published as Belridge)	1103	A4	13
		C11	p. 6
		C68	11
Brea-Olinda	490	A4	14
		C68	12
		C10	p. 32
do (published as Fullerton)	1136[2]	C10	p. 40
Buena Vista Hills	1115	A4	15
		C11	p. 8
do	1116	A4	16
		C10	p. 21
do	1117	C11	p. 9
		C68	13

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[1] Published as "Stephens-Smart".
[2] Composite sample, includes some production from Richfield field.

TABLE 2. -- Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
California (Cont.)			
Canal	39469	G7	12
Capitan	38076	C68	14
Casmalia	1164	A4	17
		C10	p. 51
Cat Canyon	1162	A4	18
		B2	p. 43
		C10	p. 52
Coalinga, East	458	A4	19
		C10	p. 18
do	459	A4	20
		C11	p. 2
do	1132	A4	21
		C11	p. 3
do	1133	A4	22
		C11	p. 4
		C68	15
Coalinga Nose (published as Coalinga, Oil City)	1134	A4	23
		C10	p. 19
Coalinga Nose and Northeast[3]	38309	F3	-
		G7	14
do	39505	C68	16
Coalinga, West	1131	A4	24
		C11	p. 5
		C68	17
Coles Levee, North	45043	G7	16
		C68	18
Conejo	1171	A4	25
		C10	p. 44
Coyote, East	43032	C68	19
Coyote, West (published as Coyote Hills)	1143	A4	26
		C10	p. 33
do	43033	C68	20
Del Ray (now Playa Del Ray)			
Del Valle	40197	G7	37
		C68	21
Devil's Den	24602	C17	p. 24
do	24603	C17	p. 25
Dominguez	24492	A4	27
		C17	p. 12
		C68	22

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[3] Published as Coalinga, Eastside.

TABLE 2. -- Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
California (Cont.)			
Duck Ranch Well #2 (see Petaluma Area)			
Edison	35285	C36	p. 6
do	35286	C36	p. 7
		C68	23
Elk Hills (published as East Elk Hills)	1126	A4	28
		C11	p. 10
do do	1127	A4	29
		C11	p. 11
do do	1128	A4	30
		C11	p. 12
Elk Hills (published as West Elk Hills)	1124	A4	71
		C10	p. 22
do do	1125	A4	72
		C10	p. 23
do	43025	C68	24
Elk Hills	45090	C67	Tab. 10B
do	45091	C67	do. 10C
do	45092	C67	do . 10E
do	45093	C67	do 8D
do	45094	C67	do. 10A
Elwood-Goleta	30251	C23	p. 7
		C68	25
Fruitvale	37169	C36	p. 18
		C68	26
do	37170	C36	p. 19
Fullerton (now Brea-Olinda)			
Gato Ridge	43171	C68	27
Greeley	37001	C36	p. 11
		G7	20
do	38314	C68	28
Half Moon Bay	24316	A4	31
		C17	26
Helm	42188	C68	29a
do	42189	C68	29b
Huntington Beach	1137	A4	32
		C11	p. 47
do	23515	C11	p. 48
		C14	p. 15
do	23516	A4	33
		C11	p. 49
do	23517	C11	p. 50
do	23518	A4	34
		C11	p. 51
do	23526	C10	p. 41
do	43026	C68	30

TABLE 2. -- Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
California (Cont.)			
Inglewood	26326	C17	p. 9
do	26327	C17	p. 10
do	26329	C17	p. 11
do	26554	C19	p. 6
do	27685	C23	p. 9
do	43031	C68	31
Jacalitos	43175	C68	32
Kern Front (published as Kern River Front)	1130	C11	p. 14
do	39445	C68	33
Kern River	461	C11	p. 13
do	1129	A4	35
		C10	p. 24
		C68	34a
do	23464	C68	34b
do	384-18	C48	p. 50
Kettleman North Dome (published as Kettleman Hills)	30017	C23	p. 6
do do	30018	C23	p. 5
do do	30517	B9	p. 54
do do	30518	B9	p. 55
do	31040	C36	p. 13
do	31041	B11	Sample D
		C36	p. 14
do	31042	C36	p. 15
do	37168	C36	p. 16
		C68	35
Long Beach	1138	C10	p. 34
do	23511	C11	p. 31
do	23512	A4	36
		C11	p. 32
do	23519	C11	p. 33
do	23520	A4	37
		C11	p. 34
do	23521	A4	38
		C11	p. 35
	-	C68	36
Los Gatos (now Moody Gulch)			
Lost Hills	1098	A4	40
		C11	p. 15
do	1099	A4	41
		C10	p. 25
		C68	37a
do	1100	C11	p. 16
		C68	37b

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
California (Cont.)			
Maricopa Flat (now Midway-Sunset)			
McKittrick District (published as McKittrick Front)	1104	A4	46
		C11	p. 23
do	1105	C10	p. 27
do	1106	A4	47
		C11	p. 22
Midway-Sunset	474	C1	p. 57
		C2	p. 50
		C3	p. 5
		C4	p. 50
		C5	p. 51
		C6	p. 77
		C7	p. 58
		C11	p. 30
do	475	C10	p. 31
do	476	C11	p. 29
do (published as North Midway Shale area)	1107	A4	53
		C11	p. 27
do do	1108	C10	p. 30
do do	1109	A4	54
		C11	p. 28
do (published as North Midway Fellows area)	1110	C11	p. 24
do do	1111	A4	55
		C11	p. 25
do do	1112	C10	p. 29
do do	1113	A4	56
		C11	p. 26
do	1114	A4	48
		C10	p. 28
do (published as Maricopa Flat)	1118	C11	p. 17
do do	1119	A4	42
		C11	p. 18
do do	1120	A4	43
		C10	p. 26
do do	1121	A4	44
		C11	p. 19
do do	1122	A4	45
		C11	p. 20
do do	1123	C11	p. 21
do	37196	C36	p. 8
		C40	Smpl. 18, Tab. 19
do	45042	C68	38
Montebello	483	A4	49
		C11	p. 36
do	484	C11	p. 37
do	487	A4	50
		C11	p. 38
do	1144	C10	p. 35
do	43030	C68	39
Moody Gulch (published as Los Gatos)	21317	A4	39
		C11	p. 27
Mountain View	35287	C36	p. 9
		C68	41

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
California (Cont.)			
Mount Poso	37226	C68	40
Newhall-Potrero	38078	G7	40
		C68	42
Newport	23418	C17	p. 22
		C68	43
Ojai	1147	A4	57
		C10	p. 45
Padre Canyon	39506	G7	41
Paloma	40198	G7	29
		C68	44
Petaluma Area (published as Duck Ranch Well #2)	26202	C17	p. 23
Playa Del Rey (published as Del Rey)	31043	C36	p. 17
do	30255	C23	p. 8
Pleasant Valley	43169	G7	30
		C68	45
Raisin City	42187	C68	46
Richfield	489	A4	58
		C11	p. 52
		C68	47
do	1141	C10	p. 42
		C14	p. 16
Rincon	38079	C68	48
Rio Bravo	38075	G7	31
		C68	49
Riverdale	42190	C68	50
do	42191	G7	32
Rosecrans-Athens	26330	C17	p. 13
		C68	51
do	26331	C17	p. 14
do	26332	C17	p. 15
do	26333	C17	p. 16
do	26334	C17	p. 17
Round Mountain	37227	C68	52
Salt Lake	1145	A4	59
		C10	p. 36
San Miguelito	39507	C68	53
Santa Fe Spring	1139	C11	p. 39
do	1140	C11	p. 40
do	23513	A4	60
		C11	p. 41

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TABLE 2. -- Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
California (Cont.)			
Santa Fe Springs (Cont.)	23514	A4	61
		C11	p. 42
do	23522	C11	p. 43
do	23523	C11	p. 44
do	23524	C10	p. 37
do	23525	C11	p. 45
do	30252	C23	p. 10
do	30253	C23	p. 11
do	30254	C23	p. 12
		C68	54
Santa Maria	1163	A4	62
		C10	p. 53
		C14	p. 14
		C68	55
San Maria Valley	43027	C68	56
Santa Paula	1169	A4	63
		C10	p. 46
Sargent (Watsonville)	1168	A4	64
		C10	p. 55
Seal Beach	26328	C17	p. 21
		C68	57
Simi	1172	A4	65
		C10	p. 47
South Mountain	1166	A4	66
		C10	p. 48
Summerland	1173	A4	67
		C10	p. 54
Sunset (now Midway-Sunset)			
Ten Section	37002	C36	p. 12
		G7	34
		C68	58
Torrance-Hermosa	1135	A4	68
		C10	p. 38
		C68	59a
do	24489	C17	p. 6
do	24490	C17	p. 7
		C68	59b
do	24491	C17	p. 8
Ventura Avenue	492	C11	p. 55
do	1148	A4	69
		C11	p. 53
do	1149	A4	70
		C11	p. 54

TABLE 2. -- Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
California (Cont.)			
Ventura Avenue (Cont.)	26335	C17	p. 18
do	26336	C17	p. 19
		C68	60
do	26337	C17	p. 20
do	30519	B9	p. 56
Ventura County[3]	1146	C10	p. 49
		C14	p. 17
Whittier	486	C13	p. 46
do	1142	A4	73
		C10	p. 39
Wilmington	37166	C36	p. 20
do	37167	C36	p. 21
		G7	61
		C68	61
Colorado			
Canyon City	40L-2	G4	p. 81
Florence	579	A4	74
		C2	p. 40
		C3	p. 5
do	40L-3	G4	p. 81
Fort Collins	40L-4	G4	p. 82
do	40L-5	G4	p. 82
Greasewood	31310	C25	p. 2
do	31311	C25	p. 3
		G4	p. 83
Hamilton	23435	A4	75
Hartsel	36L-5	G4	p. 83
Hiawatha	36L-3	A6	p. 142
		C35	p. 14
		G4	p. 84
Iles	39L-12	G4	p. 85
do	39L-14	G4	p. 84
do	39L-15	G4	p. 85
McCallum, North	36L-2	G4	p. 86
McCallum, South	36L-1	G4	p. 86
Moffat	39L-8	G4	p. 87
do	39L-9	G4	p. 87
Powder Wash	36L-18	C35	p. 20
		G4	p. 88
Rangely	-	F6	-
do	-	F6	-
do	600	C2	p. 41
		C3	p. 5
do	23437	A4	76
		G4	p. 88

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[3] Pipeline sample.

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TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Colorado (Cont.)			
Rangely (Cont.)	46029	G7	62
		C68	62
Tow Creek	39L-10	G4	p. 89
do	39L-11	G4	p. 89
Wilson Creek	39L-13	G4	p. 90
do	42003	G7	63
		C68	63
Florida			
Sunniland	43167	G7	64
Illinois			
Aden Consolidated (published as Aden, North)	39491	C47	34
Barnhill	39489	C47	1
Bible Grove	42060	C68	64
Boyd	42126	C68	65
Boyleston Consolidated	39500	C47	2
Bridgeport (now Lawrence)			
Casey	26552	C47	3
Centralia	38452	C47	5
do	39484	C47	4
		C68	66a
do	45018	G7	66
		C68	66b
Cisne	38451	C47	6
do	39499	C47	7
Clay City Consolidated	37239	C47	8
		C61	p. 11
		C68	67
		G7	67
Colmar-Plymouth	35135	C47	9
do	43164	C60	p. 47
do	43166	C60	p. 58
Cordes	39492	C47	10
Cravat	39493	C47	11
Crawford County et al[4]	396	A4	77
		C1	p. 53
		C2	p. 47
		C3	p. 4
		C4	p. 45
		C5	p. 44
		C6	p. 70
		C7	p. 59

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[4] Composite sample from production in Crawford, Cumberland, Jasper, and Lawrence Counties.

TABLE 2. -- Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Illinois (Cont.)			
Dale-Hoodville	41257	C68	68
Dix	39498	C47	12
Flora	39487	C47	13
Gillespie-Wyen	26553	C47	14
Grayville	39501	C47	15
Johnsonville	45017	C68	69
Junction	39472	C47	19
Keensburg Consolidated (published as Griffin)	39473	C47	18
do do	39474	C47	17
do do	39475	C47	16
do (published as Keensburg)	39476	C47	20
Lawrence (published as Bridgeport)	26550	G7	65
Lawrence County	29642	C47	23
do	29644	C47	21
do	29646	C47	22
do	29649	C47	24
Louden	38454	C47	26
do	39481	C47	27
do	39482	C47	25
do	45036	G6	p. 95
		G7	69
		C68	70
Mill Shoals	39478	C47	29
do	39479	C47	28
Mt. Carmel	42099	C68	71
Mt. Carmel, West	39477	C47	30
New Harmony Consolidated	39502	C47	31
		G7	70
		C68	72
do	No. 0-250[5]	C63	p. 20
Noble	37245	C47	33
		G7	71
do	29494	C47	32
Olney	39488	C47	35
Patoka	37238	C47	36
		C68	73
Plymouth (now Colmar-Plymouth)			
Robinson	43162	C60	p. 37
do	43163	G7	72
do	43165	C60	p. 27

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[5] Analysis by Illinois Geological Survey.

TABLE 2. - Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Illinois (Cont.)			
St. James	39483	C47	37
Salem	38453	C47	38
do	39495	C47	39
do	39496	C47	40
do	45024	G7	73
		C68	74
Sandoval	39485	C47	41
Tonti	39486	C47	42
Indiana			
Griffin	42224	C68	75
do	42228	G7	74
Lima District	392	A4	78
		C1	p. 52
		C2	p. 46
		C3	p. 5
		C4	p. 44
		C5	p. 43
		C6	p. 69
		C7	p. 60
Kansas			
Abbyville	35076	C54	1
Albert	37035	C54	3
Altoona	595	A4	79
		C5	p. 25
Augusta	586	A4	80
		C1	p. 54
		C2	p. 48
		C3	p. 4
		C4	p. 46
		C5	p. 17
		C6	p. 71
		C7	p. 61
do	40221	C54	4
do	40224	C54	5
Barrett (now Quincy)			
Batesville	41061	C54	6
Bemis-Shutts	35290	C54	140
do	35291	C54	139
do	41343	C54	8
		C68	76
		G7	75
Big Creek (published as Neidenthal)	36016	C54	100

TABLE 2. - Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Kansas (Cont.)			
Blankenship (published as Cattleman)	592	A4	81
		C5	p. 21
Bloomer	41356	C54	9
		C68	77
do	41357	C54	10
		G7	76
do (published as Breford)	35002	C54	14
do	35003	C54	15
do (published as Stumps)	36006	C54	153
Bolton	37237	C54	11
Bornholdt	41368	C54	12
		C68	78
Brandenstein	35069	C54	13
Breford (now Bloomer)			
Browning	41007	C54	16
Burden	35142	C54	18
do	35143	C54	17
Burkett	41067	C54	19
Burnett	41341	C54	20
		C68	79
do	41342	C54	21
		G7	77
Burrton	35091	C54	23
do	36180	C54	22
		C68	80a
do	37109	C40	Smpl.19, Tab.19
		C68	80b
Bush City Shoestring	38062	C54	24
Caldwell	41059	C54	25
Chase	35001	C54	27
do	35009	C54	28
		G7	78
do	35079	G54	26
		C68	81
Chetopa	39389	C54	32
Clark	35139	C54	33
Clemmer (now Jefferson-Sycamore)			
Coleman (published as Lamb)	39392	C54	93
Couch	41039	C54	35
Cross	35126	C54	36
Cunningham	35075	C54	37
Daniels	41024	C54	38
DeMalorie-Souder	41064	C54	39
Douglas	35150	C54	40
Eastman	35144	C54	41
do	41026	C54	42

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Kansas (Cont.)			
Edna	39390	C54	43
Elbing	589	A4	83
		C5	p. 20
do	35256	C54	44
El Dorado	587	A4	84
		C5	p. 18
do	39401	C54	49
do	40201	C68	82
do	40204	C54	50
do	40208	C54	48
do	40210	C54	47
do	40212	C54	46
do	40214	C54	45
Elrod	585	A4	85
		C5	p. 16
Elsmere and Moran	606	A4	86
		C5	p. 35
Erie	609	A4	87
		C5	p. 38
Fairport	35292	C54	52
do	36010	C54	51
Fankhouser	41019	C54	53
Florence and Peabody	590	A4	88
		C5	p. 24
Fox-Bush	35206	C54	54
Garnett Shoestring	35121	C54	56
do	38060	C54	55
do	43132	C58	p. 17
Gates	35071	C54	57
Gelwick	35269	C54	58
Geneseo	35073	C54	59
do	41361	C54	60
		C68	83
do	41362	C54	61
		G7	79
Goodrich	35124	C54	63
do	35125	C54	62
Gorham	36008	C54	65
		C68	84
do	36012	C54	66
		G7	80
do	36021	C54	64
Gouldner	36004	54	70
Graber	35082	C54	67

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Kansas (Cont.)			
Graham	35132	C54	68
do	35134	C54	69
Hall-Gurney	41345	C68	85
do	41346	C54	76
do	41347	C54	71
do	41348	C54	75
		G7	81
do	41349	C54	75
do	41350	C54	73
do	41351	C54	72
Hamilton	41045	C54	77
Haverhill	35209	C54	79
do	41184	C54	78
Hazlett	35254	C54	80
Heiken	35007	C54	81
Hewins	35278	C54	30
Hittle	35127	C54	82
Hollow-Nikkel	35085	C54	84
do	35086	C54	83
do	35087	C54	85
Humboldt-Chanute	608	A4	82
		C5	p.37
do	43135	C58	p.15
Independence (now Jefferson-Sycamore)			
Iola	605	A4	90
		C5	p.34
do	39133	C54	86
Jefferson-Sycamore (published as Independence)	598	A4	89
		C5	p.28
do (published as Clemmer)	39391	C54	34
Johnson	41053	C54	87
Keesling	36005	C54	88
Keighley	35215	C54	89
do	41014	C54	90
Kincaid	38063	C54	91
Kraft-Prusa	46118	C68	86
Kramer-Stern	35216	C54	92
Lamb (now Coleman)			
Lamont	41016	C54	94
do (published as Norton)	41048	C54	101
Leon	35208	C54	95
Lerado (now Turon District)			
Logan (now Ray)			
Madison	41041	C54	97
McCune	38319	C49	p.15
do	39008	C54	98
do	43136	C58	p.14

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Kansas (Cont.)			
McLouth	41205	C54	99
Morel	46119	C68	87
Neidenthal (now Big Creek)			
Neodesha	597	A4	91
		C5	p. 26
New Albany	596	A4	92
		C5	p. 27
Norton (now Lamont)			
Ochs (now Trapp)			
Orth	35066	C54	104
do	41367	C54	103
Osawatomie	603	A4	93
		C5	p. 32
Otis	35074	C54	105
Oxford	35272	C54	106
do	41054	C54	107
Padgett	41049	C54	108
Peabody	35305	C54	109
Peacock (now Winfield)			
Peru-Sedan	581	A4	95
		C5	p. 12
do	582	A4	96
		C5	p. 15
do	583	C5	p. 14
do	35058	C54	29
do	35265	C54	31
Pierce	35255	C54	110
Ploog	35070	C54	111
Polhamus	41012	C54	112
Potwin	588	A4	97
		C5	p. 19
do	35253	C54	113
Quincy	41040	C54	114
do (published as Barrett)	41055	C54	7
Rainbow Bend	35131	C54	115
Rantoul	602	A4	98
		C 5	p. 31
do	43133	C58	p. 18
Ray (published as Logan Pool)	40138	F5	-
do	41344	C54	116
		C68	88
Raymond	35008	C54	118
do	40161	C54	117
do	40163	C54	120
do	40164	C54	119
Reynolds-Schaffer	35210	C54	121
do	35211	C54	122

TABLE 2. - Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Kansas (Cont.)			
Richardson	35072	C54	123
Ritz-Canton	34075	C31	pp. 10-11
		C54	125
do	35010	C31	pp. 9-10
		C54	124
Rock	35141	C54	126
do	41043	C54	127
Rosalia (now Young)			
Russell	36009	C54	130
do	36013	C54	131
Sallyards	593	A4	99
		C5	p. 22
do	41013	C54	132
Scott	41005	C54	133
Seeley-Wick	41008	C54	134
do	41018	C54	165
do	43131	C58	p. 16
Sellens	36014	C54	136
do	36015	C54	135
Seward	41071	C54	137
Shaeffer	35140	C54	138
Silica	35005	C54	143
do	41370	C54	142
do	41371	C54	141
		C68	89
		G7	83
Slick-Carson	35128	C54	144
do	35129	C54	146
do	35130	C54	145
Smock-Sluss	35207	C54	147
do	41185	C54	148
Snowden-McSweeney	35218	C54	149
Steinhoff	35212	C54	150
Stoltenberg	35067	C54	151
do	41363	C68	90
do	41366	C54	152
Teeter	594	A4	100
		C5	p. 23
do	41006	C54	154
Thrall-Agard	41011	C54	2
do	41068	C54	155
Trapp	41354	C54	156
do	41355	C54	159
do	41364	C54	157
do	41365	C54	158
		C68	91
		G7	84

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TABLE 2. - Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Kansas (Cont.)			
Trapp (published as Ochs)	36017	C54	102
Turon District (published as Lerado)	36059	C44	p. 20
		C54	96
Tyro	601	A4	101
		C5	p. 30
Urbana	607	A4	102
		C5	p. 36
Udall	35217	C54	160
Valley Center	35092	C54	161
do	35093	C54	162
Wayside-Havana	599	A4	103
		C5	p. 29
do	43138	C58	p. 13
Weaver (published as Yates)	35213	C54	172
Welch	35077	C54	163
Western Kansas[6]	37108	C40	Smpl. 8, Tab.19
Wherry	35078	C54	164
Wiggins	41023	C54	166
Winfield	35145	C54	167
do	35146	C54	169
do	35147	C54	171
do	35148	C54	168
do	35149	C54	170
do (published as Peacock)	584	A4	94
		C5	p. 15
Yates (now Weaver)			
Yates Center	604	A4	104
		C5	p. 33
Young (published as Rosalia)	35214	C54	128
do do	35219	C54	129
Zenith-Peace Creek	41359	C54	173
do	41360	C54	174
		G7	85
do	46120	C68	92
Kentucky			
Big Sinking Pool	399	A4	105
		C1	p. 45
		C3	p. 4
Campton	400	A4	106
		C1	p. 46
		C2	p. 45
		C4	p. 43
		C5	p. 42
		C6	p. 68
		C7	p. 62

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[6] Pipeline sample.

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Kentucky (Cont.)			
Cow Creek	398	A4	107
		C1	p. 44
Eastern Kentucky[7]	411	C1	p. 51
		C3	p. 4
Lawrence County[7]	409	A4	108
		C1	p. 50
		C3	p. 4
Martha	35061	C33	p. 12
do	35062	C33	p. 10
do	35063	C33	p. 13
do	35064	C33	p. 11
Olympia	408	A4	109
		C1	p. 49
		C3	p. 4
Poole Consolidated	47001	C68	93
Ragland	407	A4	110
		C1	p. 48
Ross Creek	397	A4	111
		C1	p. 43
Smith Mills Consolidated	47003	C68	94
Somerset	767	A4	112
Uniontown	47004	C68	95
Wayne County	406	A4	113
		C1	p. 47
Louisiana			
Anse la Butte	787	A4	114
		C7	p. 23
do	944	C7	p. 24
do	35114	C45	48
do	35116	C45	49
		C68	96a
do	42120	C66	1
		C68	96b
		G7	98
Bancroft	42199	C66	2
Barataria	42139	C66	3
		C68	97
		G7	99
Bastian Bay	42148	C66	4

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[7] Pipeline sample.

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TABLE 2. -- Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Louisiana (Cont.)			
Bayou Couba	42222	C66	5
Bayou des Allemands	42126	C66	6
Bayou Mallet	37199	C45	50
Bay St. Elaine	42122	C66	11
do	42123	C66	9
do	42125	C66	10
Bayou Sale	42133	C66	7
		C68	98
do	42134	C66	8
		G7	100
Bear	43120	C66	12
Bellevue	35106	C45	1
Big Lake	44005	C66	13
Black Bayou	41477	C66	14
Blue Lake (published as Zwolle)	30601	C45	45
do do	30603	C45	46
Bosco	35118	C45	51
do	35119	C45	52
do	37201	C45 C66	53 99
Caddo District (published as Caddo)	714	A4	116
		C4	p. 35
do	715	A4	117
		C4	p. 36
		C5	p. 47
		C6	p. 73
		C7	p. 63
do	718	A4	123
		C4	p. 37
do (published as Pine Island)	35094	C45	26
do do	35095	C45	28
do (published as Hosston)	35097	C45	24
do (published as Pine Island)	35099	C45	27
		C68	100
do	35100	C45	2
do	40145	C66	15
Caillou Island	37220	C45	54
		C68	101
		G7	101
Cameron Meadows	42196	C66	16
Carterville, North	43002	C66	17
Carterville-Serepta	35105	C45	32
do	35107	C45	3
do	35108	C45	4
Charenton	37225	C45	55
		C68	102
do	42219	C66	18
do	42220	C66	19

TABLE 2. -- Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Louisiana (Cont.)			
Cheneyville	37202	C45	56
Converse	34009	C45	7
do	34012	C45	6
do	34015	C45	5
Cotton Valley	24466	A4	118
do	281003	B7	Table 14
		C45	9
do	281006	C30	C, Table I
do	281007	B7	Table 13
		C45	8
do	38141	C45	13
		C68	103a
do	38188	B11	Sample I
do	39080	C45	10
		G7	90
do	39081	C45	11
do	39082	C45	12
do	39084	C45	14
do	46039	C68	103b
Creole	40310	C66	20
Darrow	33039	C29	p. 11
		G2	Table I.
do	37214	C45	57
Delta Farms	42092	C66	21
		C68	104
		G7	102
DeSoto-Red River (now Red River-Bull Bayou)			
Dixie	35098	C45	17
Dog Lake	37219	C45	58
Edgerly	757	A4	119
		C7	p. 21
		G2	Table I
Elm Grove	713	A4	120
		C4	p. 34
do	35112	C45	18
Elton, South	42218	C66	22
Eola	39111	C45	59
		C68	105
		G7	103
Erath	42127	C45	23
		C68	106
		G7	104
Fields	44004	C66	24
Four Island Bay	37222	C45	60

TABLE 2. - Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Louisiana (Cont.)			
Garden Island Bay	37221	C45	61
		C68	107
Georgetown	42234	C66	25
Gibson and Gibson, Northeast	42124	C66	26
		C68	108
		G7	105
Golden Meadow	41299	C66	27
		C68	109
		G7	106
Grand Bay	42113	C66	28
		C68	110
		G7	107
Grand Lake	40273	C66	29
Gueydon	33034	C29	p. 12
		C68	111
		G2	Table I
Hackberry, East	40271	C66	30
		C68	112
		G7	109
Hanans (now Valentine)			
Hayes	42192	C66	31
Haynesville	-	D4	p. 10
do	35103	C45	20
		C68	113
		G7	92
do	35104	C45	19
Holly	35111	C45	21
Holly Ridge	43147	C68	114
		G7	93
do	43197	C66	32
Homer	711	A4	121
		C4	p. 32
do	35101	C45	22
do	35102	C45	23
Horseshoe, Bayou	43078	C66	33
Hosston (see Caddo District)			
Iberia (published as New Iberia)	35117	C45	66
		C68	115
Iowa	33030	C29	p. 13
		G2	Table I
do	37200	C45	63
		C68	116
Jeanerette	42132	C66	34
Jeanerette, North	43117	C66	35

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Louisiana (Cont.)			
Jefferson Island	42136	C66	36
Jennings	758	A4	122
		C7	p. 19
		G2	Table I
do	945	C7	p. 20
do	30390	C29	p. 14
		C68	117
		G2	Table I
do	30392	C29	p. 15
		G2	Table I
Lafitte	37218	C45	64
		C68	118
		G7	114
Lake Arthur	42194	C66	37
Lake Barre	33035	C29	p. 16
		G2	Table I
do	33036	C29	p. 17
		G2	Table I
Lake DeCade	42150	C66	38
Lake Long	42131	C66	39
Lake Pelto	33038	C29	p. 18
		G2	Table I
Lake St. John	42184	C66	42
do	42185	C66	41
		G7	94
do	43046	C66	40
		C68	120
Lake Salvador	42109	C66	43
		C68	119
		G7	115
Lake Verret, West	42128	C66	44
		C68	121
Leeville	33037	C29	p. 19
		G2	Table I
Lirette	37018	C45	65
Lisbon	39083	C45	25
do	41445	C66	45
Little Creek	42086	C66	47
do	42090	C66	48
do	42143	C66	46
Lockport	33023	C29	p. 26
		G2	Table I
do	33024	C29	p. 21
		G2	Table I

TABLE 2. - Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Louisiana (Cont.)			
Lockport (Cont.)	33025	C29	p. 25
		G2	Table I
do	33026	C29	p. 20
		G2	Table I
do	33027	C29	p. 24
		G2	Table I
do	33028	C29	p. 22
		G2	Table I
do	33029	C29	p. 23
		G2	Table I
do	40272	C66	49
do	43009	C66	50
Logansport-Joaquin	42012	C66	51
Mermentau, West	42195	C66	52
Napoleonville	43060	C66	53
Neale	40311	C68	122a
do	42193	C66	55
		C68	122b
do	42197	C66	54
		G7	117
Nebo-Hemphill	42089	C66	56
		C68	123
		G7	95
do	42091	C66	57
New Iberia (now Iberia)			
Olla	40147	C66	58
		C68	124
		G7	96
Paradis	42130	C66	59
		C68	125
		G7	119
Perkins	43119	C66	60
Pine Island (see Caddo District)			
Pine Prairie	43076	C66	62
		C68	126
		G7	120
do	43077	C66	61
Pleasant Hill	35110	C45	29
Porte Barre	33042	C29	p. 29
		G2	Table I
do	33043	C29	p. 27
		G2	Table I
do	33044	C29	p. 28
		G2	Table I
do	42129	C66	63
		C68	127

TABLE 2. -- Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Louisiana (Cont.)			
Potash	42114	C66	64
Quarantine Bay	42108	C66	65
		C68	128
		G7	122
Red River-Bull Bayou (published as Bull Bayou, DeSoto, and Red River)	712	A4	115
		C4	p. 33
do (published as DeSoto-Red River)	35109	C45	15
do do	35113	C45	16
Roanoke	37208	C45	67
do	42221	C66	66
Rodessa	35273	B11	Sample H
		C45	31
do	37029	C45	30
do	37062	C45	Smpl.11,Tab.19
do	39140	C66	70
do	39141	C66	68
do	39143	C66	69
		G7	97
do	39144	C66	67
do	40085	C68	129
St. Gabriel	42110	C66	72
		C68	130
		G7	123
do	42111	C66	71
Shongaloo	39085	C45	33
Shreveport	39086	C45	34
Sibley	39079	C45	35
Sligo	39087	C45	36
do	39088	C45	37
do	39090	C45	38
do	39091	C45	39
Sorrento	33040	C29	p. 30
		G2	Table I
do	33041	C29	p. 31
		G2	Table I
Spring Ridge	31333	C45	40
Stella	42138	C66	73
Sugar Creek	39093	C45	41
do	39095	C45	42
Sulphur Mines (published as Sulphur)	33031	C29	p. 33
		G2	Table I
do do	33032	C29	p. 32
		G2	Table I

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TABLE 2. -- Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Louisiana (Cont.)			
Summerville	42088	C66	74
Sweet Lake	30389	C29	P. 34
		G2	Table I
Tepetate	36063	C45	68
do	37203	C45	69
		G7	124
Trout Creek	42087	C66	75
Tullos-Urania	30522	C45	44
do	33064	C45	43
Valentine (published as Harang)	37246	C45	62
Ville Platte	39115	C45	70
		C68	131
		G7	128
Vinton	756	A4	124
		C7	P. 22
		G2	Table I
do	34073	C45	71
		C2	Table I
do	34074	C45	72
		G2	Table I
do	42198	C66	76
do	43101	C66	77
		C68	132
Welsh	33033	C29	P. 35
		G2	Table I
West Bay	42137	C66	78
		C68	133
West Cote Blanche Bay	42135	C66	79
		C68	134
White Castle	32372	C29	P. 36
		G2	Table I
White Lake, East	43075	C66	80
		C68	135
		G7	129
Woodlawn	42217	C66	82
do	43007	C66	81
Zwolle	31106	C27	Table 7
		C45	47
Michigan			
Adams	46122	C68	136
Beaverton	36115	C34	14

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Michigan (Cont.)			
Birch Run	36125	C34	1
Coldwater	46121	C68	137
Crystal	36122	C34	9
Deep River	46123	C68	138
Deerfield (published as Monroe County)	36131	C34	15
Edmore	36119	C34	5
Fork	43098	C68	139
		G7	132
Leaton	36117	C34	12
do (published as Denver Township)	36120	C34	6
Mt. Pleasant, East Ext. (published as Greendale Township)	36116	C34	11
Muskegon	36129	C34	3
do	36130	C34	7
Porter	36126	C34	10
Reed City	42146	C68	140
		G7	133
Saginaw	36121	C34	2
Sherman	36208	F2	-
Vernon	36118	C34	13
West Branch	36123	C34	4
do	36124	C34	8
Mid-Continent area[8]			
Mid-Continent, Mixed	385	A1	Table 4
do	37090	C40	7, Table 19
do	37100	C40	4, Table 19
do	37101	C40	5, Table 19
do	37102	C40	6, Table 19
Mississippi			
Baxterville	45048	C68	141
Brookhaven	45068	C68	142
Cranfield	43194	C68	143
do	45071	G7	134
Eucutta	43193	G7	135
do	45066	C68	144
Heidelberg	44056	C68	145
		G7	136
Pickens	45073	C68	146
		G7	137
Tinsley	43066	C68	147
do	43067	G7	138

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[8] Pipeline samples.

TABLE 2. -- Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Montana			
Cat Creek	559	B2	p. 39
		C2	p. 23[2]
		C3	p. 5
do	23034	A4	125
do	23035	A4	126
Cut Bank	36L-11	C35	p. 13
do	41L-4	C68	148
		G7	139
Kevin-Sunburst	967	B2	p. 40
do	23304	A4	127
		C68	149
do	23306	A4	128
do	24152	B2	p. 39
		G7	141
Pondera	36L-10	C35	p. 19
Nebraska			
Falls City	40087	F4	-
		G7	142
New Mexico			
Arrowhead	41084	C68	150
		G53	1
		G7	143
Artesia	25226	G1	p. 152
		G5	p. 171
do	25421	G1	p. 152
		G5	p. 171
do	27596	G1	p. 152
		G5	p. 171
do	31179	C53	2
do	41089	C53	3
Astec-Bloomfield	25507	G1	p. 98
		G5	p. 97
do	40157	C53	4
Barber	41080	C53	5
Cooper	35250	C53	6
do	41269	C53	7
do	41463	C53	8
Corbin	41081	C53	9
Dayton	41082	C53	10

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[2] Published as "Winnett."

TABLE 2. -- Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
New Mexico (Cont.)			
Eaves	41268	C53	11
Eunice	31176	C53	12
do	38443	C53	13
do	41466	055	14
		C68	151
		G7	144
Eunice, South	41271	C53	15
Eunice, West	41085	C53	16
Getty	41079	C53	17
Grayburg-Jackson	38143	C53	24
do	41461	C53	18
		C68	152
		G7	145
Halfway	41078	C53	19
Hardy	41462	C53	20
High Lonesome	41094	C53	21
Hobbs	30497	C32	Table 53
do	30499	C32	Table 54
do	37066	C40	Smpl. 16, Tab. 19
do	38444	C53	22
		C68	153
Hogback	75	A4	129
do	40160	C53	23
Jal	35248	C53	25
do	41270	C53	26
Langlie	40012	C53	27
		C68	154
Leonard	41087	C53	28
do	41093	C53	29
Loco Hills	41393	C53	30
		C68	155
do	41394	C53	31
		G7	147
Lovington, South	41272	C53	48
Lynch	41086	C53	32
Maljamar	31180	C53	33
do	41464	C53	34
		C68	156
		G7	148
Mattix	37174	C53	35
Monument	35246	C53	36
do	38445	C53	37
		C68	157
		G7	149
Penrose	37173	C53	38

TABLE 2. -- Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
New Mexico (Cont.)			
Rattlesnake	40158	C53	39
Red Lakes	39257	C53	40
do	41088	C53	41
do	41090	C53	42
Rhodes	41267	C53	43
Robinson	41090	C53	44
Shugart	41092	C53	45
Skaggs	41083	C53	46
Skelly	40013	C53	47
		C68	158
Square Lake	43094	G7	150
Table Mesa	40159	C53	49
Vacuum	39250	C53	50
		C68	159
		G7	151
New York			
Allegany	376	A4	130
		C1	p. 18
		C3	p. 3
		C37	1
do (published as Alma and Willing)	707	C37	3
do (published as Richburg)	29661	C37	8
do (published as Bolivar)	37189	C37	7
do do	37190	C37	6
do	45058	C68	160
Alma and Willing (see Allegany)			
Bolivar (see Allegany)			
Bradford District	29663	C37	9
do	37187	C37	10
Buena Vista (published as Wellsville Township)	709	C37	5
Clarksville and others[10]	708	C37	4
Richburg (see Allegany)			
Scio	710	C37	2
Wellsville Township (see Buena Vista)			
Ohio			
Corning	394	A4	131
		C1	p. 40
		C3	p. 3

TABLE 2. - Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Ohio (Cont.)			
Lima District (published as South Lima)	390	A4	134
		B2	p. 42
		C1	p. 42
		C3	p. 3
		E1	8, Table 2
do (published as North Lima)	391	A2	p. 23
		A4	133
		B2	p. 42
		C1	p. 41
		C2	p. 44
		C3	p. 3
		C4	p. 42
		C5	p. 41
		C6	p. 67
		C7	p. 64
		C9	p. 17
		E1	7, Table 2
do	37060	C40	14, Table 19
Mecca	520	A4	132
Washington County (published as Penn grade crude)	393	A4	135
		C1	p. 39
		C3	p. 3
Oklahoma			
Allen District	769	A4	136
		C6	p. 57
do	42094	C62	1
do	42095	C62	2
do	42096	C62	3
do	42097	C68	161
Alluwe and Coody's Bluff (published as Alluwe and Bluff)	612	A4	137
		C6	p. 29
Almeda	38036	C62	4
Antioch, Southwest	46026	C68	162
Apache	41440	C62	5
		C68	163
		G7	152
Arbuckle (now Enos)			
Arcadia, Northeast	44135	C62	6
Ardmore	42223	C62	7
Asher, West	31319	C62	8
Atlantic	38033	C62	9

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[10] **Pipeline sample from Alma, Bolivar, Clarksville, Scio, and Wirt Townships.**

TABLE 2. - Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Oklahoma (Cont.)			
Avant	38352	C62	11
do	38359	C62	10
Avant, West	39380	C62	14
do	39381	C62	13
do	39383	C62	12
Backius	36048	C62	15
do	38037	C62	16
Bald Hill	741	A4	139
		C6	p. 52
Barker	39344	C62	17
Barnsdall (published as Bigheart)	625	A4	143
		C1	p. 55
		C3	p. 4
		C6	p. 22
Barnsdall	41108	C62	18
Barnsdall, South	41104	C62	19
Barnsdall, West	41100	C62	20
Bartlesville-Dewey	771	A4	140
		C6	p. 25
do	23153	A4	141
do (published as Wayside)	23171	A4	199
do	24436	G3	pp. 109-110
do	27661	C19	p. 4
do	29730	C20	Table 2
do	38311	C62	21
		(close up	)
		G3	pp. 110-111
do	38312	C62	23
		G3	pp. 113-114
do	38313	C62	22
		G3	pp. 111-112
do	38337	C62	69
do	43140	C62	70
Beggs	735	A4	142
		C6	p. 48
Beggs District, South	39360	C62	24
Big Bend	44081	C62	25
Bigheart (now Barnsdall)			
Bighorse	38038	C62	26
Billings	591	A4	144
		C6	p. 31
do	36138	C43	31

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Oklahoma (Cont.)			
Binger	34067	C62	27
Birch Creek	39382	C62	28
Bird Creek and Turley (published as Skiatook, Sperry and Turley)	731	A4	191
		C6	p. 42
Bird Creek	41076	C62	29
Blackwell (published as Blackwell & Dilworth)	615	A4	145
		C6	p. 17
Boston	43185	C62	31
do	43198	C62	30
Boston, North	43188	C62	32
Boston, West	43191	C62	33
Bowlegs	27240	C16	p. 8
do	27343	C16	p. 9
do	27344	C68	164
do	37266	C43	17
Bowlegs District, Southwest	37253	C62	34
do	43149	C62	35
Boynton	742	A4	146
		C6	p. 54
Braman, Southeast	41154	C62	36
Bramstetter	44083	C62	37
Bristow	732	A4	147
		C6	p. 37
Britton	36110	C43	1
Britton, South	44132	C62	38
Brock	39462	C51	14
Broken Arrow	752	A4	148
		C6	p. 44
Brooksville	42055	C62	39
Buffalohead	24513	A4	149
Bulldog	41116	C62	40
Burbank (published as Hickman)	684	A4	172
do	770	A4	150
		C6	p. 23
do	36027	C43	29
do (published as Burbank, South)	36028	C43	30
		G7	154
do	41032	C68	165
Caddo	42235	C62	41
Caldwell	41060	C62	42
Canary	580	A4	151
		C6	p. 24

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TABLE 2. -- Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Oklahoma (Cont.)			
Canyon Creek	39387	C62	43
Carr City	29244	C43	18
Cement	647	A4	152
		C6	p. 56
do	41411	C62	51
		C68	166
do	41412	C62	44
do	41413	C62	50
do	41414	C62	49
do	41415	C62	47
do	41416	C62	46
do	41417	C62	48
		G7	155
do	41418	C62	45
Cement (West Area)	43038	C62	52
do do	43040	C62	53
Chandler	31230	C30	B, Table 1
do	40239	C62	54
do	41167	C62	55
Chickasha	23122	A4	153
		D7	p. 29
Claremore	754	A4	154
		C6	p. 34
Cleveland	623	A4	155
		C6	p. 33
Country Club	38343	C62	56
Crescent	36105	C43	32
do	39330	C62	57
do	40263	C68	167
do	40265	C62	59
do	40266	C62	58
		G7	156
Cromwell	24486	A4	157
		D8	Table 9
do	42157	C62	60
Cromwell, East	42154	C62	61
do	43062	C62	62
Cumberland	40088	C68	168
do	41204	C62	63
		G7	157

TABLE 2. - Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Oklahoma (Cont.)			
Cushing	619	A4	158
		B2	p. 41
		C2	p. 49
		C3	p. 5
		C4	p. 47
		C5	p. 45
		C6	p. 36
		C7	p. 65
do (published as Shamrock)	24523	A4	190
do	37048	C43	33
		C68	169
		G7	158
Dalton	44090	C62	64
Davenport	26218	D13	Table 3
do	26219	D13	Table 4
do	26226	C62	65
Deaner	-	D1	Well 41
do	-	D1	Well 2
do	743	A4	159
		C6	p. 46
do	37216	C62	66
Deep Fork	39361	C62	67
Delaware and Lenapah	610	A4	160
		C6	p. 27
Delaware-Childers (published as Delaware extension)	611	A4	161
		C6	p. 28
do	35294	C33	p. 19
do	35295	C33	p. 21
do	35296	C62	68
do	35297	C33	p. 20
do	35298	C33	p. 22
do	45102	C65	Table 4
Dill	42153	C62	71
Domes	38040	C62	72
Dora	42155	C62	73
Duncan	650	A4	162
		C6	p. 59
Duncan, North	39147	C51	9
do	39148	C51	15
Duncan, West	39468	C51	8
Earlsboro	27236	C16	p. 11
do	27379	C16	p. 16
do	37256	C43	19
do	37262	C43	20

TABLE 2. - Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Oklahoma (Cont.)			
Earlsboro, East (published as Earlsboro)	27337	C16	p. 10
Earlsboro, North	39349	C51	30
do	39353	C62	74
Earlsboro, West (now Hotulke-West Earlsboro)			
Ed Cox (now Tatums)			
Edmond	36109	C43	2
Edmond, Northeast	44137	C62	75
Edmond, West	44136	C62	76
do	44138	C62	77
do	44141	This report.	Table 1
do	45031	C68	170
do	46066	G7	160
Elgin, South	35122	C62	78
Empire-Comanche	649	A4	156
		C6	p. 58
do	39146	C51	4
do	41439	C62	79
Enos (published as Arbuckle)	644	A4	138
		C6	p. 64
Fish	42156	C62	80
do	42160	C62	81
Fitts	36113	C68	171
do	36114	C43	34
		C51	32
		G7	161
Fitts, South	42158	C62	82
Flat Rock	38047	C62	84
do	44026	C62	88
do	44027	C62	86
do	44028	C62	85
do	44029	C62	87
do	44030	C62	83
Fox-Graham	24347	A4	166
		D9	5
do	24348	A4	167
		D9	1
do	24349	A4	163
		D9	8
do	24351	A4	168
		D9	7
do	24352	D9	6

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Oklahoma (Cont.)			
Fox-Graham (Cont.)	24353	D9	3
do	24354	D9	2
do	24355	D9	4
do	39149	C51	16
do	39150	C51	1
do	39151	C51	10
Frederick, West	40027	C62	89
do	40028	C62	90
Garber	768	A4	164
		B2	p. 41
		C6	p. 30
do	35096	C43	35
do	36038	C62	97
do	41122	C62	91
do	41126	C62	95
do	41128	C62	92
do	41129	C62	98
do	41140	C62	94
do	41141	C62	96
do	41143	C62	93
Gilcrease	25334	D12	Table 10
Gilliland	44057	C62	99
Glennpool	736	A4	165
		C6	p. 41
do	37047	C62	100
		G7	162
do	39363	C68	172
Gotebo	31109	C51	20
Guthrie	41408	C62	101
Guthrie Townsite	42201	C62	102
Happy Hollow	38032	C62	103
Haydenville	39365	C62	104
Healdton	646	A2	p. 21
		A4	169
		C6	p. 62
		C9	p. 15
		C14	p. 18
do	39152	C51	11
do	39153	C51	12
do	39154	C51	13
do	39155	C51	18
do	42028	C68	173

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Oklahoma (Cont.)			
Henryetta	745	A4	170
		C6	p. 53
Hewitt	645	A4	171
		C6	p. 61
do	39156	C51	6
		C68	174
Hickory Creek (published as Osage)	943	A4	183
do (published as Skull Creek)		B1	Table 2
		C8	Table II
Hickory Creek, South	41188	C62	105
Hobart	39231	C51	2
Hogshooter and Ochelata	772	A4	173
		C6	p. 26
Homer	33140	C51	21
Hominy	622	A4	174
		C6	p. 20
do	38346	C62	106
Hominy, East	38347	C62	107
do	41077	C62	108
Hominy Falls	39375	C62	110
do	39376	C62	109
do	44082	C62	111
Horn's Corner	43150	C62	113
do	44022	C62	112
Hotulke-West Earlsboro (published as Earlsboro, West)	37263	C43	21
do	38011	C62	114
Hoyt	40236	C62	115
Hubbard	40021	C62	118
do	40022	C62	117
do	40023	C62	116
do	40024	C62	119
Jackson	44066	C62	120
Jennings	621	A4	175
		C6	p. 32
Kaw	39098	C62	121
Kellyville	734	A4	176
		C6	p. 39
Keokuk	39346	C62	123
do	39351	C62	122
Lamont	41214	C62	124
Langston	39323	C62	126
do	40232	C62	127
do	40233	C62	125
Liberty	44021	C62	128

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Oklahoma (Cont.)			
Liberty, East	44023	C62	129
Little River	28402	C68	175
do	37252	C43	22
Little River, Southeast (published as Little River, South)	28495	C19	p. 5
Loco	39157	C51	19
Lone Grove, Southwest	44097	C62	130
		C68	176
Lovell, West	36104	C43	36
Lucien	36100	C43	37
do	40249	C62	135
do	40251	C62	132
do	40252	C62	133
do	40254	C62	131
do	40255	C62	134
Lucien, North	40262	C62	136
Lucien, Northeast	42151	C62	137
Lyons-Quinn	744	A4	177
		C6	p. 47
Macomb, South	43014	C62	138
Madalene	38354	C62	139
Madalene, East	44049	C62	141
do	44068	C62	140
Madill	643	A4	178
		C6	p. 63
Manion, North	38028	C62	142
do	44084	C62	143
Mannford	40006	C62	145
do	43121	C62	144
Markham, West	43087	C62	146
Marshall	40256	C62	147
do	40258	C62	148
do	40259	C62	149
Maud	29245	C43	23
Mervine (published as Newkirk)	614	A4	179
(published as Newkirk and Mervine)		C6	p. 16
Mission	37264	C43	24
Moore	36111	C43	3
Moore, South	44134	C62	150
Moore, West	44009	C62	151
		C68	177
Mounds	737	A4	180
		C6	p. 40

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Oklahoma (Cont.)			
Muskogee	750	A4	181
		C6	p. 55
Naval Reserve	38357	C62	152
do	44061	C62	153
Naval Reserve, South	44059	C62	154
Navina, West	42057	C62	155
New England	38035	C62	156
Newkirk (see Mervine)			
Nicoma Park	29775	C62	157
Noble	38162	C43	4
Nuyaka, South	39366	C62	158
Ochelata	38450	G3	p. 113
Okemah, North	42200	C62	159
Oklahoma City	281059	C26	p. 17
do	29030	C26	p. 27
do	29764	C26	p. 24
do	29766	C26	p. 25
do	29774	C26	p. 26
do	30001	C62	169
do	30003	C26	p. 18
do	30302	B9	p. 51
do	30303	C26	p. 22
do	30312	B9	p. 52
		C26	p. 10
do	30341	C26	p. 12
do	30386	B9	p. 53
do	32079	C26	p. 13
do	32083	C26	p. 19
do	32084	C26	p. 9
do	32086	C26	p. 14
do	32088	C26	p. 20
do	32089	C26	p. 11
do	32090	C26	p. 23
do	32093	C26	p. 21
do	32096	C26	p. 15
do	32108	C26	p. 16
do	32109	C62	172
do	32132	C26	p. 28
do	32133	C62	168
do	32135	C26	p. 29
do	32204	C43	12
do	34080	C38	Table 8
do	36024	C62	167

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Oklahoma (Cont.)			
Oklahoma City	36139	C62	170
do	36140	B11	B
		C51	29
do	36172	C62	171
do	37078	C40	15, Table 19
do	37255	C43	14
do	37257	C43	15
do	37258	C43	16
		C62	173
do	37259	C43	9
do	38005	C43	10
do	38006	C62	166
do	38007	C62	164
do	38008	C43	5
do	38010	C43	7
do	38274	C62	162
do	38275	C62	160
do	38276	C43	13
do	38277	C62	163
do	38278	C62	165
do	38279	C43	6
do	38280	C43	11
do	38281	C62	161
do	38282	C43	8
do	41297	C68	178
Oklahoma, Mixed 11/	37085	C40	9, Table 19
Okmulgee	739	A4	182
		C6	p. 50
Olympic	37003	C43	38
Osage City	39303	C62	176
do	39306	C62	174
do	39315	C62	175
Osage City, East	39302	C62	177
Osage County 12/	617	C6	p. 19
Osage-Hominy	38356	C62	178
Oscar	39158	C51	3
Owasso	753	A4	184
		C6	p. 43

11/ Pipeline sample.
12/ Published as "Osage", pipeline sample representative of a number of fields in Osage County.

TABLE 2. -- Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Oklahoma (Cont.)			
Owasso	39369	C62	179
Page	39374	C62	180
do	44073	C62	181
do	44074	C62	182
Papoose	25335	D12	Table 11
Pauls Valley	44016	C62	184
		C68	179
		G7	165
do	44017	C62	185
do	44019	C62	183
Pauls Valley, East	45079	G7	166
Pawhuska	39379	C62	186
Pearsonia	41251	C62	187
Peck	41255	C62	188
Pershing	624	A4	185
		C6	p. 21
do	41105	C62	189
Phillipsville	740	A4	186
		C6	p. 51
Pioneer	38025	C62	190
do	38026	C62	191
do	38027	B11	M
		C51	33
Pleasant Valley	44133	C62	192
Pollyanna	40026	C62	193
Polo	36099	C43	39
Ponca City	616	A4	187
		C6	p. 18
do	38160	C43	40
Pond Creek	41189	C62	194
Poor Farm	39368	C62	195
Prue	44086	C62	197
do	44087	C62	196
Quapaw	41114	C62	198
Ramsey	38016	C43	41
Robberson	39159	C51	24
Rusk	42152	C62	199
St. Louis District	37254	C43	25
		C62	202
		C68	181a
do	42104	C62	200
		C68	181b
do	42105	C62	201
Sand Springs	39314	C62	203

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Oklahoma (Cont.)			
Sapulpa District (published as Sapulpa District, South)	39364	C62	204
Sasakwa	42159	C62	205
Sayre	23455	A4	189
Searight	27377	C16	p. 12
do	27378	C16	p. 15
do	27381	C16	p. 14
do	37265	C43	26
Searight, North	39348	C62	206
Seay	39160	C51	22
Seminole City (published as Seminole)	26566	C16	p. 18
do do	27243	C16	p. 17
do do	27335	C16	p. 6
		C26	p. 8
		C30	D, Table 1
do do	27336	C16	p. 13
do do	27339	C16	p. 7
do	37267	C43	27
do do	37268	C51	31
		C68	180
do	38012	C43	28
Shawnee Lake	43010	C62	207
Shawnee, Northeast	43047	C62	208
Sholem Alechem	39161	C51	27
Skiatook	39372	C62	209
Skull Creek (now Hickory Creek)			
Slick	-	D5	pp. 48, 51
do	-	D5	pp. 49, 51
do	-	D5	pp. 50, 51
do	733	A4	192
		C6	p. 38
do	39358	C62	210
Spring	39238	C51	5
Stella	44020	C62	211
Stillwater	35258	C43	42
Stroud	39396	C62	212
Sumner, Northwest (published as Sumner, West)	44011	C62	213
Sylvian	43049	C62	214
Tatums (published as Wildcat Jim)	24350	A4	200
		D9	9
do (published as Ed Cox)	38190	C51	23
do	39467	C51	25
		C68	182
		G7	169

TABLE 2. -- Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Oklahoma (Cont.)			
Tecumseh, East	41406	C62	215
Tecumseh Lake	41407	C62	216
Thomas	40096	C62	217
do	40098	C62	218
do	40100	C62	219
Tidal-Osage	38030	C62	220
do	44085	C62	221
Tonkawa	-	D6	1, Table 6
do	-	D6	3, Table 6
do	22053	D6	4, Table 6
do	22055	D6	2, Table 6
do	23016	A4	193
do	23021	A4	194
do	24476	A4	195
do	35284	C43	43
do	39319	C62	224
do	39335	C62	225
do	39336	C62	222
do	41152	C62	223
Turley	38044	C62	226
Tuskegee, East	41133	C62	227
do	41134	C62	228
Tussy	39162	C51	26
		C68	183a
do	44098	C62	229
		C68	183b
Velma	39163	C51	17
		C68	184
Vernon	41157	C62	230
Wagoner	751	A4	196
		C6	p. 45
Walters	648	A4	197
		C6	p. 60
do	39164	C51	7
Wannette	44003	C62	231
Watchorn	24477	A4	198
do	41147	C62	233
do	41151	C62	232
Watchorn, East	42064	C62	234
Wellston, North	38127	C43	44
Wewoka, Northeast	43022	C62	235
Wildcat Jim (now Tatums)			
Wildhorse	38350	C62	237
do	44052	C62	238
do	44053	C62	236
Wildhorse, North	38348	C62	239
do	38349	C62	240
Wildhorse, South	44051	C62	241
Wildhorse, West	41073	C62	242
Wilsetta	39350	C62	243
Wilsetta, South	39354	C62	244
do	39355	C62	245
Woolaroc	38043	C62	246
do	43168	C62	247
Wynona	41098	C62	248
Yale-Quay	620	A4	188
		C6	p.35
Youngstown	738	A4	201
		C6	p.49
Pennsylvania			
Allegheny and Washington Counties[13]	382	A4	203
		C1	p.23
		C3	p.3
Appalachian, Mixed[13]	37137	C40	3, Table 19
Bennett Brook (now Bradford District)			
Bradford District	23409	C37	23
do	23410	C37	21
do	26343	C37	20

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[13] Pipeline sample.

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Pennsylvania (Cont.)			
Bradford District	26531	C37	27
		G7	170
do	26532	C37	28
do	26533	C37	25
do	26534	C37	26
do	29658	C37	31
do	29659	C37	29
do	29660	C37	30
do	29662	C34	16
		C37	24
do	29733	C37	32
do (published as Marilla Brook)	29734	C37	37
do (published as Minard Run)	29735	C37	39
do (published as Bennett Brook)	29736	C37	19
do (published as Lewis Run)	29738	C37	36
do	37186	B11	A
		C37	33
do	37188	C37	22
do	45040	C68	185
Bullion	34007	C37	43
Butler-Armstrong District (now Butler Cross-Belt)			
Butler Cross-Belt	23398	C37	12
do (published as Butler)	37194	C37	13
do (published as Butler)	37195	C37	14
Clarendon	37191	C37	53
Franklin[14]	380	A4	209
		C1	p.22
		C3	p.3
do	23404	C37	44
do	41315	C59	Table 1
Greene County[14]	383	A4	204
		C1	p.24
		C3	p.3
Hampton-Strong	23401	C37	46
do	23402	C37	47
do	23403	C37	45
Kane	30551	C37	34
Kinzua	29731	C37	35
Lewis Run (now Bradford District)			
Marilla Brook (now Bradford District)			
Marvin Creek (now Smethport)			
McKean County[14]	377	A4	206
		C1	p.19
		C2	p.42
		C3	p.3
		C4	p.40
		C5	p.39

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[14] Pipeline sample.

TABLE 2. - Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Pennsylvania (Cont.)			
McKean County (Cont.)	377(Cont.)	C6	p.65
		C7	p.66
		C37	18
Minard Run (now Bradford)			
Ormsby	29737	C37	40
Parker	23395	C37	15
do	23396	C37	16
do	23397	C37	17
Pennsylvania, Mixed[15]	37149	C40	1, Table 19
Pittsburgh District (see Southwest District)			
Plum Township (published as Plum Creek Church)	1029	A4	202
Point Lookout	23391	C37	52
Queen	23405	C37	54
Ross (published as Little Washington)	37192	C37	51
Smethport (published as Marvin Creek)	29732	C37	38
Southwest District[15]	384	A4	205
		C1	p.25
		C3	p.3
do (published as Pittsburgh District)	23394	C37	11
Sugar Run (Watsonville)	30550	C37	41
Tiona	23406	C37	55
do	23407	C37	56
do	23408	C37	57
Titusville	37193	C37	58
Venango County	378	A1	Table 4
		A4	207
		C1	p.20
		C3	p.3
do	379	A4	208
		C1	p.21
		C3	p.3
Washington-Taylorstown	23390	C37	50
do	23392	C37	49
do	23393	C37	48
Windfall	30549	C37	42
Texas			
Abell	41398	C55	1
Addis (now Cowden, South)			
Agua Dulce	44032	C68	186
		G7	210

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[15] Pipeline sample.

TABLE 2. - Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Texas (Cont.)			
Albercas	33170	B10	1
		C28	1, Grp. 5
		G2	Table I
Aldine	42082	C55	2
Alta Vista	33178	B10	1, Grp. 4a
		C28	1, do.
Amarillo (now Panhandle)			
Amelia	37217	B10	3, Grp. 5
do	38056	B10	2, do
		C68	187
		G7	180
Anahuac	36066	B10	4, Grp. 5
		C50	Table 6
		G2	Table II
do	37205	B10	5, Grp. 5
		C55	3
do	37210	B10	7, Grp. 5
		C50	Table 7
do	37211	B10	6, Grp. 5
		C68	188
Antelope	41390	C55	4
Anthony-Toyah	25422	B10	82, Grp. 2
		C28	59, do.
do	38157	B10	83, do
		C28	60, do
do	40014	C55	5
Apco	40015	C55	6
		C57	p.3
Aransas Pass	36182	B10	9, Grp. 5
do	37049	B10	8, do
do	37175	B10	10, do
		C68	189
		G7	211
Asylum	38273	B10	1, Grp. 3
Aviators	33176	B10	11, Grp. 5
		C28	2, do
		G2	Table I
Avoca	38149	B10	2, Grp. 3
Baldwin	36083	B10	13, Grp. 5
		G2	Table II
do	36085	B10	12, Grp. 5
		G2	Table II
Barbers Hill	1030	A4	211
		B10	14, Grp. 5
		C7	p. 33
		C28	3, Grp. 5
		G2	Table I
do	30505	B10	15, Grp. 5
		C28	4, do
		C55	7
Texas (Cont.)			
Barbers Hill (Cont.)	30505(cont)	C68	190
		G2	Table I
Barnhart	44045	C68	191
		G7	241
Batson	791	A4	212
		B10	16, Grp.5
		C7	p.37
		C28	5, Grp.5
		G2	Table I
Bay City	43100	G7	183
Basette	40083	C55	8
Beaumont, West	41475	C55	9
Benavides	38131	B10	17, Grp.5
		C68	192
Bennett (now Wasson)			
Benton (now Bowers)			
Bentonville (now Captain Lucy)			
Big Lake	26519	B10	3, Grp.2
		C28	3, do.
		E1	5, Table 2
do	26520	B10	5, Grp.2
		C28	4, do
		E1	6, Table 2
do	27866	B10	6, Grp. 2
		C18	p.7
		C28	5, Grp.2
do	29461	B10	11, do
		C28	6, do
		C32	Table 39
do	31159	B10	10, Grp.2
		C28	7, do
do	31216	B10	12, do
		C28	8, do
do	31217	B10	14, do
		C28	9, do
do	31225	B10	7, do
		C28	10, do
		C32	Table 47
		C57	p.4
do	31226	B10	4, Grp.2
		C28	4, do
		C32	Table 46
do	31322	B10	9, Grp.2
		C28	12, do
		C32	Table 48
do	34003	B10	13, Grp.2
		C32	Table 45
		C68	193a

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Texas (Contd.)			
Big Lake (Cont.)	37155	B10	8, Grp.2
do	37156	B10	15, do
do	42229	C57	p.5
		C68	193b
Big Spring (now Howard-Glasscock)			
Blue Ridge	785	A4	213
		B10	18, Grp.5
		C7	p.35
		C28	6, Grp.5
		G2	Table I
do	786	A4	214
		B10	19, Grp.5
		C7	p.36
		C28	7, Grp.5
		G2	Table I
Boggy Creek	27332	B10	1, Grp.4
		C28	1, do
Bowers	39245	C55	11
do (published as Benton)	41372	C55	10
Breckenridge	694	A4	215
		B10	3, Grp.3
		C4	p.21
		C28	1, Grp.3
Brooksmith	28417	C28	2, do.
Brownwood	702	A4	216
		B10	4, Grp.3
		C4	p.28
		C28	3, Grp.3
Buffalo (Leon)	39096	B10	38, Grp.4
do	39299	C55	12
Bulcher	35196	B10	5, Grp.3
Burkburnett	651	C4	p.12
do	691	A4	217
		B10	6, Grp.3
		C4	p.13
		C28	4, Grp.3
Burns-Browning	40132	C55	13
Byrd	42052	C55	14
Caddo	695	A4	218
		B10	7, Grp.3
		C4	p.22
		C28	5, Grp.3
Caesar	35151	B10	20 Grp.5
		G2	Table II

TABLE 2. - Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Texas (Cont.)			
Calliham	35276	B10	21, Grp.5
		G2	Table II
Captain Lucy	36084	B10	22, Grp.5
		G2	Table II[16]
do	36145	B10	23, Grp.5
		G2	Table II[16]
Carter	38152	B10	36, Grp.2
Carver-Kallison (now Nash Creek)			
Cayuga	34018	B10	2, Grp.4
		G7	171
do	37240	B10	3, Grp.4
		C39	Table 8
		C52	M-1, Table 14
do	39043	C52	M-2, Table 14
		C68	194
do	39179	C52	B, Table 14
		C55	15
do	39451	C52	M-3, Table 14
do	40031	C52	M-4, do
do	40032	C52	C, do
do	40033	C52	A, do
do	40200	C52	M-5, do
		C55	16
Cedar Creek	27695	B10	4, Grp.4
		C28	2, do
Cedar Point	40081	C55	18
do	40082	C55	17
Chalk (now Howard-Glasscock)			
Chapel Hill	40086	C55	19
Chapman-Abbott	33045	B10	8, Grp.4a
		C28	4, do
do	33046	B10	5, do
		C28	3, do
do	33047	B10	3, do
		C28	3, do
do	33048	B10	4, do
		C28	5, do
do	33049	B10	6, do
		C28	6, do
do	33050	B10	7, do
		C28	7, do
Church 8 Fields (now McElroy)			
Cisco Lake	38073	B10	8, Grp.3

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[16] Published as "Bentonville."

TABLE 2. -- Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Texas (Cont.)			
Clara Driscoll	36183	B10	24, Grp.5
		G2	Table II
do	36184	B10	25, Grp.5
		G2	Table II
Clay Creek	30490	B10	26, Grp.5
		C28	8, do
		G2	Table I
Clear Lake	42040	C55	20
		C68	195
		G7	184
Coke	42142	C55	21
Coker	42149	C55	22
Coletto Creek	35166	B10	27, Grp.5
		C2	Table II
Conoco Driscoll	41471	C55	23
		G7	228
Conroe	33056	B10	28, Grp.5
		C28	9, do
		G2	Table I
do	45032	C63	196
Conroe, West	42042	C55	24
Corpus Christi	36053	B10	29, Grp.5 17/
		G2	Table II 17/
Corsicana	705	C4	p.29
do	24387	A4	221
		B10	6, Grp.4
		C28	3, do
do	24388	A4	222
		B10	5, Grp.4
		C28	4, do
Cotton Lake	37185	B10	30, Grp.5
Cowden Crane	30343	C57	p.7
Cowden, North	34002	B10	41, Grp.2
		C57	p.6
		C68	197
		G7	243
Cowden, South (published as Addis)	34004	B10	1, Grp.2
		C68	198
Crane (now McElroy)			
Crockett	38152	B10	42, Grp.2
Cuevitas (now Guerra)			
Currie	1062	A4	219
		B10	7, Grp.4
		C28	5, do

17/ Published as "Saxet Heights."

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Texas (Cont.)			
Currie	38087	B10	8, Grp.4
do	38088	B10	9, do
Curry	39	A4	220
		B10	9, Grp.3
		C28	6, do
Dale	33173	B10	9, Grp.4a
		C28	8, do
Damon Mound	789	A4	223
		B10	33, Grp.5
		C7	p.28
		C13	D
		C28	10, Grp.5
		G2	Table I
do	790	A4	224
		B10	35, Grp.5
		C7	p.29
		C28	11, Grp.5
		G2	Table I
Danbury	33062	B10	34, Grp.5
		C28	12, do
		G2	Table I
Darst Creek	33179	B10	10, Grp.4a
		C28	9, do
		C68	199
		G7	229
Dayton, North	779	A4	248
		B10	113, Grp.5
		C7	p.51
		C28	54, Grp.5
		G2	Table I
Denman Area (now Iatan-East Howard)			
Denver (now Wasson)			
Desdemona	700	A4	225
		B10	10, Grp.3
		C4	p.24
		C28	7, Grp.3
Dickinson	36064	B10	36, Grp.5
		G2	Table II
do	37207	B10	35, Grp.5
do	37209	B10	37, do
Dirks	36187	B10	38, do
		G2	Table II
Duggan (now Slaughter)			
Dune	40008	C55	26
		C57	p.8

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TABLE 2. -- Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Texas (Cont.)			
East Texas	31062	B10	25, Grp.4
		C24	p.4 [18]
		C23	6, Grp.4
do	31063	B10	20, do
		C24	p.5 [18]
		C28	7, Grp.4
do	31064	B10	21, do
		B11	C [19]
		C24	p. 6 [19]
		C28	8, Grp.4
do	31065	B10	16, do
		C24	p.7 [20]
		C28	9, Grp.4
do	32323	B10	12, do
		C28	10, do
do	32324	B10	15, do
		C28	11, do
do	32325	B10	13, do
		C28	12, do
do	32326	B10	33, do
		C28	13, do
do	32327	B10	32, do
		C28	14, do
do	32328	B10	17, do
		C28	15, do
do	32329	B10	14, do
		C28	16, do
do	32330	B10	11, do
		C28	17, do
do	32331	B10	19, do
		C28	18, do
do	32332	B10	10, do
		C28	19, do
do	32333	B10	30, do
		C28	20, do
do	32334	B10	24, do
		C28	21, do
do	32335	B10	31, do
		C28	22, do

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[18] Published as "Joiner."
[19] Published as "Kilgore."
[20] Published as "Longview."

TABLE 2. -- Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Texas (Cont.)			
East Texas	32336	B10	26, Grp.4
		C28	23, do
do	32337	B10	22, do
		C28	24, do
do	32338	B10	29, do
		C28	25, do
do	32339	B10	28, do
		C28	26, do
do	32340	B10	27, do
		C28	27, do
do	32341	B10	23, do
		C28	28, do
do	32342	B10	18, do
		C28	29, do
do	39300	C55	27
do	45035	C68	200
Ector (now Penwell)			
Electra	43	A4	226
		B10	11, Grp.3
		C28	8, do
do	44	A4	227
		B10	12, Grp.3
		C28	9, do
do	45	A4	269
		B10	14, Grp.3
		C28	35, do
do	46	A4	270
		B10	15, Grp.3
		C28	36, do
do	47	A4	228
		B10	13, Grp.3
		C28	10, do
do	692	C4	p.17
Embar-Ellenberger	43064	C57	p.9
		C68	201
		G7	245
Esperson	33124	B10	44, Grp.5
		C28	13, do
		G2	Table I
do	33125	B10	40, Grp.5
		C28	14, do
		G2	Table I
do	33126	B10	43, Grp.5
		C28	15, do
		G2	Table I

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Texas (Cont.)			
Esperson	33127	B10	39, Grp.5
		C28	16, do
		G2	Table I
do	33128	B10	41, Grp.5
		C28	17, do
		G2	Table I
do	33129	B10	42, Grp.5
		C28	18, do
		G2	Table I
Ezzell	39256	C55	28
Fairbanks	39044	B10	46, Grp.5
		C55	29
		C68	202
		G7	187
Fannett	33079	B10	45, Grp.5
		C28	19, do
		C68	203
		G2	Table I
Fargo	41373	C55	32
do	41374	C55	31
do	41375	C55	30
Flag Lake	38089	B10	34, Grp.4
do	38090	B10	35, do
do	39136	C55	33
Flour Bluff	36146	B10	47, Grp.5
		G2	Table II
Foster	40009	C55	34
		C57	p.10
		C68	204
do	41240	C55	35
		C57	p.11
		G7	247
Fostoria	42081	C55	36
Friendswood (now Webster)			
Fuhrman	38145	B10	44, Grp.2
		C57	p.12
		C68	205
		G7	248
Fullerton	42112	C55	37
		C57	p.13
		C68	206
		G7	249

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Texas (Cont.)			
Goldsmith	37171	B10	45, Grp.2
		C57	p.14
		C28	207
		G7	250
Goose Creek	746	A4	229
		B10	49, Grp.5
		C7	p.40
		C28	20, Grp.5
		G2	Table I
do	747	A4	230
		B10	50, Grp.5
		C7	p.41
		C28	21, Grp.5
		G2	Table I
do	748	A4	231
		B10	51, Grp.5
		C7	p.42
		C28	22, Grp.5
		G2	Table I
do	781	A4	232
		B10	52, Grp.5
		C7	p.43
		C28	23, Grp.5
		G2	Table I
do	782	C7	p.44
do	30506	B10	53, Grp.5
		C28	24, do
		G2	Table I
Government Wells, North	33058	B10	54, Grp.5
		C28	25, do
		G2	Table I
do	42050	C55	38
		C68	208
Government Wells, South	33059	B10	55, Grp.5
		C28	26, do
		G2	Table I
Grapeland	38134	B10	36, Grp.4
do	41489	C55	39
do	41492	C55	40

TABLE 2. -- Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Texas (Cont.)			
Grayson	31158	B10	46, Grp.2
		C28	57, do
Greta	35160	B10	56, Grp.5
		C68	209
		G2	Table II
do	35161	B10	57, Grp.5
		G2	Table II
do	35162	B10	58, Grp.5
		G2	Table II
do	36054	B10	59, Grp.5
		G2	Table II
Guerra (published as Cuevitas)	35165	B10	31, Grp.5
		G2	Table II
Hankamer	30504	B10	60, Grp.5
		C28	27, do
		G2	Table I
Harding (now Howard-Glasscock)			
Harper	38307	B10	48, Grp.2
do	39258	C55	41
		C57	p.15
Hastings	36068	B10	61, Grp.5
		C55	42
		G2	Table II
do	45034	C68	210
Hawkins	43110	C68	211
		G7	173
Henderson	35249	B10	49, Grp.2
Hendrick	27859	B10	50, do
		B11	E
		C18	p.17
		C28	25, Grp.2
do	28376	B10	51, do
		C28	26, do
do	28377	B10	52, do
		C28	27, do
		C32	Table 32
do	28378	B10	53, Grp.2
		C28	28, do

TABLE 2. -- Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Texas			
Hendrick	28622	B10	54, Grp.2
		C28	29, do
		C57	p. 16
		C68	212
Henshaw and Henshaw-Kirby(now Howard-Glasscock)			
Heyser	36181	B10	62, Grp.5
		G2	Table II
do	37176	B10	63, Grp.5
		C68	213
High Island	33066	B10	65, Grp.5
		C28	28, do
		C68	214
		G2	Table I
do	33067	B10	64, Grp.5
		C28	29, do
		G2	Table I
Hilbig	33122	B10	11, Grp.4a
		C28	10, do
Hockley	33123	B10	66, Grp.5
		C28	30, do
		G2	Table I
Hoffman	41472	C55	44
		C68	215
		G7	231
Holliday (Panther)	688	A4	233
		B10	16, Grp.3
		C4	p. 18
		C28	13, Grp.3
do	38072	B10	17, do
Howard-Glasscock[21]	27599	B10	16, Grp.2[a]
		C28	13, do[b]
do	27856	B10	18, do[a]
		C18	p. 8[b]
		C28	14, Grp.2[b]
do	27857	B10	20, do[a]
		C18	p. 16[b]
		C28	15,do[b]

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[21] Published under the name:
[a] "Big Spring."
[b] "Chalk."

TABLE 2. - Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Texas (Cont.)			
Howard-Glasscock[21] (Cont.)	27858	B10	17, Grp. 2[a]
		C18	p. 9[b]
		C28	16, Grp. 2[b]
do	29301	B10	35, do[a]
		C28	51, do[c]
		C32	Table 18[a]
do	29302	B10	33, Grp. 2[a]
		C28	52, do[c]
		C32	Table 14[a]
	29305	B10	23, Grp. 2[a]
		C28	53, do[c]
		C32	Table 8[a]
do	29306	B10	24, Grp. 2[a]
		C28	54, do[c]
		C32	Table 12[a]
do	30409	B10	29, Grp. 2[a]
		C28	30, do[d]
do	30410	B10	28, do[a]
		C28	37, do[e]
do	30411	B10	19, do[a]
		C28	17, do[b]
do	30552	B10	34, do[a]
		C28	55, do[c]
do	30553	B10	21, do[a]
		C28	18, do[b]
do	30617	B10	27, do[a]
		C28	32, do[f]
do	30620	B10	31, do[a]
		C28	45, do[g]
do	31227	B10	32, do[a]
		C28	31, do[h]
do	35252	B10	22, do[a]
do	36049	B10	25, do[a]
do	36050	B10	26, do[a]
do	36051	B10	30, do[a]
do	38151	B10	47, do[i]
do	39260	C55	43
		C68	216a

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[21] Published under the name:
- [a] "Big Spring."
- [b] "Chalk."
- [c] "Roberts-Settles."
- [d] "Henshaw."
- [e] "Kirby-Coffee."
- [f] "Henshaw-Kirby."
- [g] "McDowell."
- [h] "Henshaw."
- [i] "Harding."

TABLE 2. -- Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Texas (Cont.)			
Howard-Glasscock (Cont.)	43111	C57	p.17
		C68	216b
		G7	252
Hull	788	A4	234
		B10	16, Grp.5
		C7	p.49
		C28	31, Grp.5
		G2	Table I
do	794	A4	235
		B10	69, Grp.5
		C7	p.50
		C28	32, Grp.5
		G2	Table I
do	30503	B10	72, Grp.5
		C28	33, do
		G2	Table I
do	30509	B10	70, Grp.5
		C28	34, do
		C68	217
		G2	Table I
do	30510	B10	68, Grp.5
		C28	35, do
		G2	Table I
do	30511	B10	71, Grp.5
		C28	36, do
		G2	Table I
Hull-Silk-Sikes	43151	C68	218
		G7	238
Humble	783	A4	236
		B10	73, Grp.5
		C7	p.45
		C28	37, Grp.5
		G2	Table I
do	784	A4	237
		B10	75, Grp.5
		C7	p.46
		C28	38, Grp.5
		G2	Table I

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TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Texas (Cont.)			
Humble (Cont.)	30507	B10	77, Grp.5
		C28	39, do
		G2	Table I
do	30606	B10	74, Grp.5
		C28	40, do
		G2	Table I
do	30607	B10	76, Grp.5
		C28	41, do
		G2	Table I
Hutchinson (now Panhandle)			
Iatan-East Howard	26179	B10	57, Grp.2
		C28	34, do
do	30618	B10	56, do
		C28	33, do
do	32205	B10	55, Grp.2
		C28	21, do[22]
		C68	219
	43001	C57	p.18
		G7	253
Ibex	23039	A4	238
		B10	18, Grp.3
		C28	15, do
Ira (now Sharon Ridge)			
Isenhower	45003	C64	Table 13
Ivan	34	A4	239
		B10	19, Grp.3
		C28	17, do
Ivy	38148	B10	20, do
Jacob	35159	B10	78, Grp.5
		G2	Table II
Jay Welder	42041	C55	45
Joe's Lake	39112	B10	79, Grp.5
Johnson	40135	C55	46
Joiner (now East Texas)			
Jordan	38144	B10	59, Grp.2
		C57	p.19
		C68	220
		G7	255

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[22] Published as "Denman Area."

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Texas (Cont.)			
Keeran	33169	B10	80, Grp.5
		C28	42, do
		G2	Table I
Kelsey	39266	C55	47
		G7	215
Kermit	35249	C57	p.20
		C68	221
Keystone	37172	B10	60, Grp.2
		C57	p.21
		C68	222
		G7	256
Kildare	42053	C55	90
Kilgore (now East Texas)			
Kingsville	37177	B10	81, Grp.5
Kirby-Coffee (now Howard-Glasscock)			
K.M.A.	686	A4	240
		B10	21, Grp.3
		C4	p.14
		C28	18, Grp.3
do	687	A4	241
		B10	22, Grp.3
		C4	p.15
		C28	19, Grp.3
do	38071	B10	23, Grp.3
		B11	L
do	40011	C55	49
		C68	223a
do	41409	C55	48
		G7	239
do	43146	C68	223b
Koopman	42051	C55	50
Kosse	1074	A4	242
		B10	37, Grp.4
		C28	30, do
LaBelle	38135	B10	82, Grp.5
LaRosa	39045	B10	83, do
do	39046	B10	84, do
do	42214	G7	216
do	42216	C68	224

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TABLE 2. -- Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Texas (Cont.)			
Laurel	33172	B10	85, Grp. 5
		C28	43, do
		G2	Table I
Leck	31174	B10	61, Grp. 2
		C28	38, do
		C57	p. 22
Livingston	33130	B10	87, Grp. 5
		C28	44, do
		G2	Table I
do	37213	B10	86, Grp. 5
Llano (now Scarborough)			
Lochridge	41473	C55	51
Lolita	42038	C55	52
		C68	225
		G7	194
Loma Novia	36046	B10	88, Grp. 5
		G2	Table II
do	37178	B10	89, Grp. 5
		C68	226
Long Lake	34017	B10	39, Grp. 4
		C68	227
		G7	174
do	37231	B10	40, Grp. 4
Longview (now East Texas)			
Lopez	37179	B10	90, Grp. 5
Los Olmos	33061	B10	91, do
		C28	45, do
		G2	Table I
Lovell's Lake	39252	C55	53
do	40308	C55	54
		C68	228
		G7	195
Lowe Ranch	37180	B10	92, Grp. 5
Luby	38133	B10	93, do
		C68	229
Lucas (now Mt. Lucas)			
Luling-Branyon	25164	B10	12, Grp. 4a
		C28	11, do
		C68	230

TABLE 2. -- Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Texas (Cont.)			
Lytton Springs	33051	B10	13, Grp. 4a
		C28	12, do
do	33052	B10	14, do
		C28	13, do
do	33053	B10	15, do
		C28	14, do
do	33054	B10	16, do
		C28	15, do
do	33175	B10	17, do
		C28	16, do
Magnet-Withers	37223	B10	200, Grp. 5
do	43109	C68	234
Manvel	34071	B10	95, Grp.5
		G2	Table I
do	34072	B10	96, Grp. 5
		C68	235
		G2	Table I
Markham	1031	A4	243
		B10	100, Grp. 5
		C7	p. 52
		C28	46, Grp. 5
		G2	Table I
do	24554	B10	101, Grp. 5
		C28	47, do
		G2	Table I
do	24555	B10	99, Grp. 5
		C28	48, do
		G2	Table I
do	24556	B10	98, Grp. 5
		C28	49, do
		G2	Table I
do	24557	B10	97, Grp. 5
		C28	50, do
		G2	Table I
Markley	45014	C64	Table 12
Mason	38142	B10	62, Grp. 2
Masterson	38154	B10	63, do
McCamey	26178	B10	64, do
		C28	40, do
do	26265	B10	65, do
		C28	41, do

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TABLE 2. -- Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Texas (Cont.)			
McCamey (Cont.)	27593	B10	66, Grp. 2
		C28	42, do
do	27863	B10	67, do
		C18	p. 14
		C28	43, Grp. 2
do	27864	B10	68, do
		C18	p. 15
		C28	44, Grp. 2
		C57	p. 23
		C68	231
		G7	257
McDowell (now Howard-Glasscock)			
McElroy[23]	27860	B10	37, Grp. 2[a]
		C18	p. 11[a]
		C28	19, Grp. 2[a]
do	27861	B10	38, do[a]
		C18	p.12
		C26	46, Grp. 2[a]
		C32	Table 36[a]
do	27862	B10	39, Grp. 2[a]
		C18	p. 13
		C28	47, Grp. 2
do	30343	B10	40, do[a]
		C28	20, do[b]
do	43112	C57	p. 24
		C68	232
		G7	258
McFaddin	35167	B10	102, Grp. 5
		C68	233a
		G2	Table II
do	39254	C55	55
		C68	233b
McNeil	35158	B10	103, Grp. 5
		G2	Table II

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[23] Published under the names:
[a] "Church & Fields."
[b] "Crane."

TABLE 2. -- Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Texas (Cont.)			
Means	35168	B10	69, Grp. 2
		C57	p. 25
		C68	236
		G7	260
Medina, South	33171	B10	28, Grp. 4a
		C28	23, do
Mercedes	35154	B10	104, Grp. 5
		G2	Table II
do	37181	B10	105, Grp. 5
Mexia	705	A4	244
		B10	44, Grp. 4
		C4	p. 30
		C28	31, Grp. 4
do	38332	B10	42, do
Midway	37182	B10	106, Grp. 5
do	44036	C68	237
Minerva-Rockdale	33177	B10	18, Grp. 4a
		C28	17, do
Mirando City (published as Schott)	23094	A4	263
		B10	153, Grp. 5
		C28	75, do
		G2	Table I
do do	33167	B10	154, Grp. 5
		C28	77, do
		G2	Table I
do do	33168	B10	155, Grp. 5
		C28	78, do
		G2	Table I
Mirando Valley	965	A4	245
		B10	107, Grp. 5
		C7	p. 56
		C28	51, Grp. 5
		G2	Table I
do	27608	B10	108, Grp. 5
		C28	52, do
		G2	Table I
Monroe	32208	B10	70, Grp. 2
		C28	1, do
Moore (now Panhandle)			

TABLE 2. -- Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Texas (Cont.)			
Mt. Lucas (published as Lucas)	35157	B10	94, Grp. 5
		G2	Table II
Muenster	35198	B10	26, Grp. 3
Mykawa	36069	B10	109, Grp. 5
		G2	Table II
Nacogdoches	1036	A4	247
		B10	110, Grp. 5
		C7	p. 53
		C28	53, Grp. 5
		G2	Table I
do	38335	B10	111, Grp. 5
Nash Creek (published as Carver-Kallison)	38013	B10	2, Grp. 4a
New Hope	46018	C68	238
		G7	175
New York City	41288	C55	57
do	41388	C55	56
Nigger Creek	26586	B10	43, Grp. 4
		C28	32, do
Noelke	40007	C55	58
Nome	37215	B10	112, Grp. 5
Noodle Creek	31122	B10	27, Grp. 3
		C28	22, do
do	31123	B10	28, do
		C28	23, do
O'Connor	35163	B10	114, Grp. 5
		G2	Table II
O'Hern	41474	C55	59
Oil City (see Young County)			
Old Ocean	38064	B10	116, Grp. 5
do	39107	B10	115, do
do	39108	C55	60
do	44012	C68	239
do	44063	G7	198
Opelika	41428	C55	61
Oplin	39262	C55	62
Orange	909	A4	250
		B10	117, Grp. 5
		C7	p. 54
		C17	C
		C28	55, Grp. 5
		G2	Table I

TABLE 2. -- Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Texas (Cont.)			
Panhandle (published as Amarillo)	23411	A4	210
		B10	1, Grp. 1
		C28	1, do
do	24191	A4	251
		B10	4, Grp. 1
		C28	4, do
do (published as Hutchinson)	26345	B10	3, do
		C28	2, do
do	26521	B10	5, do
		C28	5, do
		E1	2, Table 2
do	26522	B10	6, Grp. 1
		C28	6, do
		E1	1, Table 2
do	26523	B10	7, Grp. 1
		C28	7, do
		E1	3, Table 2
do	26524	B10	8, Grp. 1
		C28	8, do
		E1	4, Table 2
do	27161	B10	9, Grp. 1
		C28	9, do
do	27162	B10	15, do
		C28	10, do
do	27163	B10	14, do
		C28	11, do
do	27164	B10	10, do
		C28	12, do
do	27165	B10	11, do
		C28	13, do
do (published as Moore)	27426	B10	2, do
		C28	3, do
do	29445	B10	12, do
		C28	14, do
		G7	270
do	29446	B10	13, Grp. 1
		C22	p. 8
		C28	15, Grp. 1
do	30342	B10	16, do
		C28	16, do
		G7	269
do	37113	C40	12, Table 19
		C68	240

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Texas (Cont.)			
Pardue	38310	B10	30, Grp. 3
Payton	38156	B10	71, Grp. 2
		C57	p. 26
Pearsall	35153	B10	22, Grp. 4a
do	35288	B10	21, do
		G2	Table II
do	37183	B10	19, Grp. 4a
do	38074	B10	20, do
Pecos Valley	31162	B10	73, Grp. 2
		C57	p. 27
do	38155	B10	72, Grp. 2
		C57	p. 28
Penwell[24]	27598	B10	75, Grp. 2[a]
		C28	23, do[b]
		G7	261
do	30408	B10	74, Grp. 2[a]
		C28	22, do[b]
		C32	Table 57[a]
		C68	241
Percilla	38333	B10	44, Grp. 4
Petrolia	689	A4	252
		B10	31, Grp. 3
		C4	p. 19
		C28	25, Grp. 3
do	45005	C64	Table 14
Pettus	30487	B10	118, Grp. 5
		C28	56, do
		G2	Table I
Pickett Ridge	37206	B10	19, Grp. 5
Piedras Pintas	803	A4	254
		B10	120, Grp. 5
		C7	p. 34
		C28	57, Grp. 5
		G2	Table I
Pierce Junction	780	A4	253
		B10	121, Grp. 5
		C7	p. 47
Texas (Cont.)			
Pierce Junction (Cont.)	780(cont.)	C28	58, Grp. 5
		G2	Table I
Pioneer	42	A4	255
		B10	32, Grp. 3
		C28	26, do
Pittsburg	40146	C55	89
Placedo	36055	B10	122, Grp. 5
		C68	242
		G2	Table II
do	36057	B10	123, Grp. 5
		G2	Table II
Plymouth	36056	B10	124, Grp. 5
		G2	Table II
do	36058	B10	125, Grp. 5
		G2	Table II
do	36088	B10	126, Grp. 5
		B11	Table I (p.3)
		B11	N (p.26)
		C68	243
		G2	Table II
Port Lavaca	35152	B10	127, Grp. 5
		G2	Table II
do	37050	B10	128, Grp. 5
Port Neches	33068	B10	130, Grp. 5
		C28	59, do
		G2	Table I
do	33069	B10	129, Grp. 5
		C28	60, do
		G2	Table I
Powell	23365	A4	256
		B10	50, Grp. 4
		C28	33, do
do	23413	B10	48, do
		C28	34, do
do	24385	A3	Table 39
		C28	35, Grp. 4
do	24386	A3	Table 41
		A4	257
		B10	47, Grp. 4
		C28	36, do

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[24] Published under the name:
[a] "Penn."
[b] "Ector."

TABLE 2. -- Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Texas (Cont.)			
Powell (Cont.)	24876	C28	37, Grp. 4
do	24877	C28	38, do
do	24913	A3	Table 40
		C28	39, Grp. 4
do	26511	A3	Table 42
		B10	46, Grp. 4
		C28	40, do
do	38084	B10	49, do
do	38085	B10	51, do
Premont, East	39267	C55	63
Prideaux	45004	C64	Table 11
Putnam-Moran	699	A4	246
		B10	24, Grp. 3
		C4	p. 26
		C28	20, Grp. 3
do	23038	B10	25, do
		C28	21, do
do	27199	B5	Table 2[25]
		B10	33, Grp. 3
		C28	27, do
do (published as Williams)	27200	B5	Table 3
		B10	60, Grp. 3
		C28	43, do
do do	28551	B10	59, do
		C28	44, do
do do	28552	B10	58, do
		C28	45, do
Quitman	43080	G7	176
		C68	244
Rabbs Ridge (now Thompson)			
Raccoon Bend	30508	B10	132, Grp. 5
		C28	62, do
		G2	Table I
do	30604	B10	134, Grp. 5
		C28	63, do
		G2	Table I

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[25] Published as "Williams."

TABLE 2. -- Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Texas (Cont.)			
Raccoon Bend	30605	B10	133, Grp. 5
		C28	64, do
		C31	E, Table 1
		G2	Table I
do	33131	B10	131, Grp. 5
		C28	65, do
		G2	Table I
do	33132	B10	135, Grp. 5
		C28	66, do
		G2	Table I
do	37184	B10	136, Grp. 5
		C68	245
Randado	35156	B10	137, Grp. 5
		G2	Table II
Ranger	696	A4	258
		B10	34, Grp. 3
		C4	p. 23
		C5	p. 46
		C6	p. 72
		C7	p. 67
		C28	28, Grp. 3
Ray	36188	B10	138, Grp. 5
		G2	Table II
Red River	25563	B10	35, Grp. 3
		C28	29, do
do	25564	B10	36, do
		C28	30, do
do	25565	B10	37, do
		C28	31, do
do	37031	B10	38, Grp. 3
do	37032	B10	39, do
do	37033	B10	40, do
Refugio	30005	B10	140, Grp. 5
		C28	67, do
		G2	Table I
do	30488	B10	141, Grp. 5
		C28	68, do
		G2	Table I

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Texas (Cont.)			
Refugio	30489	B10	142, Grp. 5
		C28	69, do
		C68	246a
		G2	Table I
do	30565	B10	139, Grp. 5
		C28	70, do
		C30	G, Table 1
		C68	246b
		G2	Table I
do	30566	B10	143, Grp. 5
		C28	71, do
		G2	Table I
do	30567	B10	144, Grp. 5
		C28	72, do
		G2	Table I
Richardson-O'Brien (now Ward, North-Estes)			
Richland	1061	A4	259
		B10	52, Grp. 4
		C28	41, do
do	24451	A4	260
		B10	53, Grp. 4
		C28	44, do
do	24914	B10	54, do
		C28	42, do
do	24915	C28	43, do
do	38086	B10	55, do
Riddle	33174	B10	23, Grp. 4a
		C28	18, do
Ringgold	40131	C55	64
Roberts-Settles (now Howard-Glasscock)			
Rock Crossing	40133	C55	66
do	40134	C55	65
Rodessa	38129	B10	56, Grp. 4
do	38130	B10	57, do
do	39138	C55	67
do	39133	C55	68
Rogers & Rogers	39246	C55	69
Roma	33057	B10	145, Grp. 5
		C28	73, do
		G2	Table I

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Texas (Cont.)			
Rotan	38150	B10	41, Grp. 3
Rowan	42039	C55	70
Rowe and Baker	39137	C55	71
Royston	31124	B10	42, Grp. 3
		C28	37, do[26]
do	31125	B10	43, do
		C28	38, do[26]
Rusk	38334	B10	58, Grp. 4
Salt Flat	29729	B10	24, Grp. 4a
		C21	p. 46
		C28	19, Grp. 4a
Sam Fordyce	35155	B10	146, Grp. 5
		G2	Table II
Sand Hills	37039	B10	76, Grp. 2
		C57	p. 36[27]
		G7	264[27]
Santa Anna	701	A4	261
		B10	44, Grp. 3
		C4	p. 27
		C28	32, Grp. 3
Saratoga	726	C4	p. 49
		C5	p. 49
		C6	p. 75
do	798	A2	p. 22
		A4	262
		B10	147, Grp. 5
		C7	p. 38
		C9	p. 16
		C28	74, Grp. 5
		G2	Table I
Satsuma	37212	B10	148, Grp. 5
Saxet	36147	B10	150, do
		G2	Table II
do	36148	B10	149, Grp. 5
		C68	247a
		G2	Table II

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[26] Published as "Stephens."
[27] Published as "Waddell."

TABLE 2. -- Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Texas (Cont.)			
Saxet (Cont.)	36149	B10	151, Grp. 5
		G2	Table II
do	36150	B10	152, Grp. 5
		G2	Table II
do	45087	C68	247b
Saxet Heights (now Corpus Christi)			
Scarborough	29312	B10	77, Grp. 2
		C28	56, do
		C57	p. 30
do	31173	B10	78, Grp. 2
		C28	39, do[28]
Schimmell-Batts	33095	B10	25, Grp. 4a
		C28	20, do
Schott (now Mirando City)			
Sedwick	45001	C64	Table 15
Seeligson	44146	G7	223
do	44151	C68	248
Segno	39113	B10	156, Grp. 5
		G7	200
do	39114	B10	157, Grp. 5
Seminole	39249	C55	72
		C57	p. 29
		C68	249
		G7	262
Seven Sisters	39263	C55	73
		C68	250
		G7	23 5
Sharon Ridge (published as Ira)	24734	C28	35, Grp. 2
do	31126	B10	58, do[29]
		C28	36, do[29]
Shelbyville	38327	B10	59, Grp. 4
Sheridan	42037	C55	74
Shipley	31161	B10	79, Grp. 2
		C28	24, do
do	35251	B10	80, do
		C57	p. 37[30]
do	41266	C55	75
		C57	p. 31

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[28] Published as "Llano."

[29] Published as "Ira."

[30] Published as "Ward."

TABLE 2. -- Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Texas (Cont.)			
Sigler	35200	B10	47, Grp. 3
do	35201	B10	46, do
do	35202	B10	45, do
Silsbee	40309	C55	76
		C68	251
Slaughter (published as Duggan)	39247	C55	25
do	39248	C55	77
		C57	p. 32
do	45033	C68	252
		G7	263
Slick	33065	B10	158, Grp. 5
		C28	79, do
		G2	Table I
Snyder	39261	C55	78
		C57	p. 33
Somerset	759	A4	264
		B10	26, Grp. 4a
		C7	p. 25
		C28	21, Grp. 4a
do	760	A4	265
		B10	27, Grp. 4a
		C7	p. 26
		C28	22, Grp. 4a
Sour Lake	797	A4	266
		B10	159, Grp. 5
		C7	p. 39
		C28	80, Grp. 5
		G2	Table I
South Bend	35	A4	267
		B10	48, Grp. 3
		C28	33, do
do	36	A4	268
		B10	49, Grp. 3
		C28	34, do
South Houston	36067	B10	160, Grp. 5
		C68	253
		G2	Table II
Spindletop	978	A2	p. 24
		A4	271
		B10	161, Grp. 5
		C7	p. 48
		C9	p. 11
		C15	p. 6

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Texas (Cont.)			
Spindletop (Cont.)	978(Cont.)	C28	81, Grp. 5
		G2	Table I
do	26587	B10	173, Grp. 5
		C15	p. 7
		C28	82, Grp. 5
		G2	Table I
do	26588	B10	170, Grp. 5
		C15	p. 8
		C28	83, Grp. 5
		G2	Table I
do	26589	B10	167, Grp. 5
		C15	p. 9
		C28	84, Grp. 5
		G2	Table I
do	26590	B10	168, Grp. 5
		C15	p. 10
		C28	85, Grp. 5
		G2	Table II
do	26591	B10	169, Grp. 5
		C15	p. 11
		C28	86, Grp. 5
		G2	Table I
do	26592	B10	166, Grp. 5
		C15	p. 12
		C28	87, Grp. 5
		G2	Table II
do	26593	B10	165, Grp. 5
		B11	F
		C15	p. 13
		C28	88, Grp. 5
		C51	28
		G2	Table II
do	26594	B10	164, Grp. 5
		C15	p. 14
		C28	89, Grp. 5
		G2	Table I
do	26595	B10	174, Grp. 5
		C15	p. 17
		C28	90, Grp. 5
		G2	Table II

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Texas (Cont.)			
Spindletop (Cont.)	26596	B10	177, Grp. 5
		C15	p. 18
		C28	91, Grp. 5
		G2	Table I
do	26597	B10	171, Grp. 5
		C15	p. 15
		C28	92, Grp. 5
		G2	Table I
do	26598	B10	172, Grp. 5
		C15	p. 19
		C28	93, Grp. 5
		G2	Table I
do	26599	B10	163, Grp. 5
		C15	p. 16
		C28	94, Grp. 5
		G2	Table I
do	33060	B10	179, Grp. 5
		C28	95, do
		G2	Table I
do	35192	B10	175, Grp. 5
		G2	Table II
do	35193	B10	176, Grp. 5
		G2	Table II
do	35194	B10	162, Grp. 5
		G2	Table I
do	35195	B10	178, Grp. 5
		G2	Table II
Stephens (now Royston)			
Stowell-Winnie	46129	C68	254
Stratton	44033	C68	255
Strawn	693	A4	272
		B10	50, Grp. 3
		C4	p. 20
		C28	39, Grp. 3
Sugarland	31030	B10	180, Grp. 5
		C28	96, do
		G2	Table I
do	31233	C68	256
Sulphur Bluff	38330	B10	60, Grp. 4
		C68	257
		G7	177

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Texas (Cont.)			
Sun	39264	C55	80
		C68	258
do	39265	C55	79
		G7	236
Sweden (published as Sweden, South)	38132	B10	181, Grp. 5
Taft	36086	B10	183, do
		G2	Table II
do	36087	B10	182, Grp. 5
		G2	Table II
Talco	36060	B10	63, Grp. 4
do	36061	B10	62, Grp. 4
do	38329	B10	61, do
		C68	259
Taylor-Link	31165	B10	31, Grp. 2
		C28	58, do
		C57	p. 34
Terry	796	A4	273
		B10	184, Grp. 5
		C7	p. 55
		C28	97, Grp. 5
		G2	Table I
Texhoma-Gose	48	A4	275
		B10	54, Grp. 3
		C28	40, do
do	690	A4	274
		B10	53, Grp. 3
		C4	p. 16
		C28	41, Grp. 3
do	27345	B10	51, do
		C28	11, do
		D15	Table 3
do	27346	B10	52, Grp. 3
		C28	12, do
		D15	Table 4
Thompson	33070	B10	185, Grp. 5
		C28	61, do[31]
		C68	260
		G2	Table I[31]

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[31] Published as "Rabbs Ridge (Thompson)."

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Texas (Cont.)			
Thompson (Cont.)	33070 (Cont.)	G7	204
Thrall	706	A4	276
		B10	29, Grp. 4a
		C4	p. 31
		C28	24, Grp. 4a
do	33055	B10	30, Grp. 4a
		C28	25, do
Tobarg	39259	C55	81
		C57	p. 35
Todd, Deep	41395	C55	82
		C68	261
Tomball	35059	B10	189, Grp. 5
do	35060	B10	188, do
do	36065	B10	187, do
		G2	Table II
do	37204	B10	186, Grp. 5
		C68	262
Tom Graham	39253	C55	83
Tom O'Connor	35164	B10	190, Grp. 5
		C68	263
		G2	Table II
Tuleta, West	36185	B10	198, Grp. 5
		G2	Table II
do	36186	B10	199, Grp. 5
		G2	Table II
Turbeville	35199	B10	55, Grp. 3
Turtle Bay	39947	B10	191, Grp. 5
T.X.L.	46082	C68	264
Tye-Hunter	31121	B10	56, Grp. 3
		C28	14, do
Van	31061	B10	65, Grp. 4
		C24	p. 3
		C28	45, Grp. 4
do	33118	B10	66, do
		C28	46, do
do	33119	B10	67, Grp. 4
		C28	47, do
do	33120	B10	68, do
		C28	48, do
		C68	265a

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Texas (Cont.)			
Van	33121	B10	64, Grp. 4
		C28	49, do
		C68	265b
View	32206	B10	57, Grp. 3
		C28	42, do
Waddell	31163	B10	84, Grp. 2
		C28	61, do
Walnut Bend	39244	G7	240
do	41419	C55	84
		C68	266
Ward, North-Estes	27597	B10	86, Grp. 2
		C28	49, do[32]
do	31175	B10	85, Grp. 2
		C28	50, do[32]
		C68	267
		G7	265
Ward, South	35169	B10	87, Grp. 2
		C57	p. 38
Waskom	38328	B10	69, Grp. 4
Wasson (published as Bennett)	31162	C28	2, Grp. 2
do (published as Denver-Wasson)	38146	B10	43, do
do (published as Bennett)	38147	B10	2, do
		C68	268
do	43143	C57	p. 39
do	43144	C57	p. 40
do	43145	C57	p. 41
		G7	266
Webster (published as Friendswood)	38055	B10	48, Grp. 5
do	40016	C55	85
		G7	206
do	41298	C68	269
Westbrook	24733	B10	89, Grp. 2
		C28	62, do
do	24736	B10	90, do
		C28	63, do
do	30619	B10	88, do
		C28	64, do
		C32	Table 60
		C57	p. 42

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[32] Published as "Richardson-O'Brien."

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Texas (Cont.)			
West Columbia	792	C7	p. 30
do	793	C7	p. 31
do	981	A4	277
		B10	92, Grp. 5
		C7	p. 32
		C28	98, Grp. 5
		G2	Table I
do	23155	A4	278
		B10	193, Grp. 5
		C28	99, do
		G2	Table I
do	37224	B10	194, Grp. 5
do	38057	B10	196, do
		C68	270
do	38058	B10	195, Grp. 5
do	38059	B10	197, do
West Ranch	41476	C55	86
		C68	271
		G7	208
Wheat	26180	B10	92, Grp. 2
		C28	65, do
		C57	p. 43
do	32207	B10	91, Grp. 2
		C28	66, do
White-Baker	38080	B10	93, Grp. 2
White Point, East	42036	C55	87
		C68	272
Williams (now Putnam-Moran)			
Withers, North	43108	C68	273
		G7	209
World	27867	B10	94, Grp. 2
		C18	p. 16
		C28	67, Grp. 2
do	31164	B10	95, do
		C28	68, do
		C57	p. 44

TABLE 2. -- Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Texas (Cont.)			
Wortham	24916	B10	70, Grp. 4
		C28	50, do
do	24932	B10	71, do
		C28	51, do
do	24933	B10	72, do
		C28	52, do
do	25008	B10	73, do
		C28	53, do
do	[33]	D14	Table 5
do	38331	B10	74, Grp. 4
Wyatt	40010	C55	88
Yates	27865	B10	98, Grp. 2
		C18	p. 18
		C28	70, Grp. 2
do	31160	B10	97, do
		C28	69, do
		C32	Table 28
do	35245	B10	96, Grp. 2
		C57	p. 45
do	45039	C68	274
Yoast	33180	B10	31, Grp. 4a
		C28	26, do
Young County (published as Oil City)	37	A4	249
		B10	29, Grp. 3
		C28	24, do
do	697	A4	279
		C4	p. 25
		C28	46, Grp. 3
Yturri-Southton	966	A4	280
		B10	32, Grp. 4a
		C7	p. 27
		C28	27, Grp. 4a
(No name)	23434	C14	p. 19
do	24732	C28	71, Grp. 2
do	26267	C28	72, do

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[33] Each figure in the analysis given is an average of the figures for the equivalent test from samples 24915, 24932, 24933, and 25008.

TABLE 2. -- Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Utah			
San Juan (published as Mexican Hat)	28113	A4	281
West Virginia			
Blue Creek	430	A4	282
		C1	p. 38
		C3	p. 3
Cabin Creek	428	A4	283
		C1	p. 36
		C3	p. 3
do	26569	B6	Table 1
Hancock County[34]	422	C1	p. 32
		C3	p. 3
Harrison County et al[35]	418	C1	p. 28
		C3	p. 3
do[36]	419	C1	p. 29
		C3	p. 3
Kelly Creek	429	A4	284
		C1	p. 37
		C3	p. 3
Lost Run	33157	C30	A, Table 1
Ritchie County et al[37]	416	C1	p. 26
		C3	p. 3
do[37]	417	C1	p. 27
		C3	p. 3
do[37]	420	C1	p. 30
		C3	p. 3
Tyler County[34]	425	C1	p. 35
		C2	p. 43
		C3	p. 3
		C4	p. 41
		C5	p. 40
		C6	p. 66
		C7	p. 68
		C13	p. 13

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[34] Composite sample from fields in that county.

[35] Composite sample from fields in Harrison and Doddridge Counties.

[36] Composite sample from fields in Harrison and other counties.

[37] Composite sample from fields in Ritchie, Wood, Wirt, Calhoun, Roan, and Kanawha Counties.

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TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
West Virginia (Cont.)			
Tyler County et al[38]	423	C1	p. 33
		C3	p. 3
do[38]	424	E2	p. 43
		C1	p. 34
		C3	p. 3
West Virginia[39]	37057	C40	13, Table 19
do[39]	37141	C40	2, do
Wetzel County et al[40]	421	C1	p. 31
		C3	p. 3
Wyoming			
Alkali Butte	28139	A6	p. 124
Ant Hills	37L-4	A6	p. 124
Aspen	30-10	A6	p. 125
		B8	p. 27
Badger Basin	37L-15	A6	p. 125
Pig Medicine Bow (published as Medicine Bow)	35185	F1	-
do do	37L-11	C35	p. 18
do do	37L-35	A6	p. 153
do do	37L-37	A6	p. 154
Big Muddy	560	C1	p. 24
		C3	p. 5
do	23284	A4	285
		A6	p. 126
do	23285	A4	286
do	37L-6	A6	p. 126
do	37L-7	A6	p. 127
do	37L-8	A6	p. 127
Black Mountain	30-24	A6	p. 128
		B8	p. 39
Bolton Creek	30-31	A6	p. 128
		B8	p. 46
do	30-32	A6	p. 129
		B8	p. 47
Byron	30501	C68	275

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[38] Composite sample from fields in Tyler, Doddridge, and Wetzel Counties.
[39] Pipeline sample.
[40] Composite sample from fields in Wetzel and Marshall Counties.

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Wyoming (Cont.)			
Byron (Cont.)	30501(Cont.)	G7	271
do	30-33	B8	p. 48
do	37L-52	A6	p. 130
		C48	p. 47
do	38L-5	A6	p. 129
Casper Creek, North	30-26	A6	p. 158
		B8	p. 41
Casper Creek, South	23199	A4	287
do	30-29	A6	p. 170
		B8	p. 44
Circle Ridge	23417	A4	288
		A6	p. 130
		B8	p. 52
Dallas	567	A4	289
		C2	p. 29
		C3	p. 5
do	30-14	A6	p. 131
		B8	p. 30
		C41	p. 38
Derby	24329	A4	290
do	30-15	A6	p. 131
		B8	p. 31
Dutton Creek	37L-25	A6	p. 132
Elk Basin	574	C2	p. 35
		C3	p. 5
do	23295	A4	291
do	23296	A4	292
do	23297	A4	293
do	37L-24	A6	p. 133
do	38L-4	A6	p. 133
do	43084	C68	276
		G7	272
Ferris	562	C2	p. 26
		C3	p. 5
do	23189	A4	294
		A6	p. 134
Four Bear	30-20	A6	p. 134
		B8	p. 36

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Wyoming (Cont.)			
Frannie	30-2	A6	p. 135
		B8	p. 21
do	30-3	A6	p. 135
		B8	p. 22
do	30335	C68	277
do	37L-54	C48	p. 47
Garland	30-36	B8	p. 51
		C41	p. 39
do	37-011	A6	p. 136
do	37L-18	A6	p. 136
do	37L-51	A6	p. 137
		C48	p. 48
Gooseberry	37L-38	A6	p. 137
GP	37L-26	A6	p. 138
Grass Creek	573	A4	295
		C2	p. 34
		C3	p. 5
do	23292	A4	296
		B8	p. 53
		C68	278a
do	23293	A4	297
do	37L-22	A6	p. 138
		C68	278b
do	37-012	A6	p. 139
do	37L-48	A6	p. 139
		C48	p. 48
do	39L-5	C48	p. 49
Greybull	572	A4	298
		C2	p. 33
		C3	p. 5
do	37L-23	A6	p. 140
Hamilton Dome	554	A2	p. 19
		C2	p. 18
		C3	p. 5
		C9	p. 12
do	23288	A4	299
do	23291	A4	300
do	30-16	A6	p. 141
		B8	p. 32
do	30-17	A6	p. 141
		B8	p. 33

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Wyoming (Cont.)			
Hamilton Dome (Cont.)	30337	G7	274
do	30436	C68	279
do	37L-42	A6	p. 140
Hidden Dome	37L-20	A6	p. 142
Iron Creek	24706	A6	p. 143
Kirby Creek	37L-21	A6	p. 143
LaBarge	33-08	A6	p. 144
do	30-11	A6	p. 144
do	30431	A6	p. 145
Lake Creek	30-23	A6	p. 145
		B8	p. 38
Lance Creek	576	C2	p. 37
		C3	p. 5
do	23279	A4	301
do	23280	D11	Table 7
do	23281	A4	302
		D11	Table 8
do	23282	A4	303
do	36L-7	C35	p. 16
do	36L-8	C35	p. 17
do	36L-9	C35	p. 15
do	38L-12	A6	p. 146
do	36L-7	A6	p. 146
do	36L-8	A6	p. 147
do	38L-7	A6	p. 147
do	38L-13	A6	p. 148
do	39101	G7	275
do	39103	C68	280
Lander	566	A4	304
		C2	p. 28
		C3	p. 5
do	30-13	A6	p. 148
		B8	p. 29
do	37L-16	A6	p. 149
Lost Soldier	578	C2	p. 39
		C3	p. 5
do	23187	A4	305
do	30-9	B8	p. 26
do	30428	C68	281
do	37L-29	A6	p. 151
do	37L-30	A6	p. 151

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Wyoming (Cont.)			
Lost Soldier(Cont.)	37L-31	A6	p. 150
do	37L-32	A6	p. 150
		G7	276
do	37L-33	A6	p. 149
do	37L-40	A6	p. 152
Mahoney	30-8	B8	p. 25
do	39L-1	A6	p. 152
Maverick Springs	569	A4	306
		C2	p. 31
		C3	p. 5
do	30-12	B8	p. 28
do	37L-41	A6	p. 153
do	38L-11	C48	p. 50
Medicine Bow (now Big Medicine Bow)			
Midway	37L-17	A6	p. 154
Mule Creek	558	A4	307
		C2	p. 22
		C3	p. 5
		D2	Table II
do	630	D2	Table III
do	631	D2	Table IV
do	30-35	A6	p. 155
		B8	p. 50
do	31-1	A6	p. 156
do	37L-9	A6	p. 155
do	37L-10	A6	p. 156
Muskrat	37062	A6	p. 157
Newcastle	557	A4	308
		C2	p. 21
		C3	p. 5
Notches	30-25	A6	p. 158
		B8	p. 40
Oregon Basin	30338	G7	277
		G68	282
do	30-5	B8	p. 23
		C41	pp. 36-37
do	36L-19	A6	p. 159
		C42	Table 1
		C48	p. 51
do	38L-3	A6	p. 159

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Wyoming (Cont.)			
Osage	575	B2	p. 40
		C2	p. 36
		C3	p. 5
do	23283	A4	309
do	36L-17	A6	p. 160
Pedro	34-010	A6	p. 160
Pilot Butte	568	A4	310
		C2	p. 30
		C3	p. 5
do	37L-14	A6	p. 161
Pine Mountain	555	B8	p. 55
		C2	p. 19
		C3	p. 5
Pitchfork	30-34	A6	p. 161
		B8	p. 49
Plunkett	570	A4	311
		C2	p. 32
		C3	p. 5
Poison Spider	23286	A4	312
do	23287	A4	313
do	30-28	A6	p. 162
		B8	p. 43
do	38L-10	C48	p. 51
Quealy	36L-14	A6	p. 162
		C35	p. 21
Rex Lake	36L-15	A6	p. 163
Rock Creek	577	A4	314
		C2	p. 38
		C3	p. 5
do	36L-16	A6	p. 164
		C35	p. 22
do	37L-13	A6	p. 163
Salt Creek	561	A4	315
		B4	3
		C1	p. 56
		C2	p. 25
		C3	p. 5
		C4	p. 48
		C5	p. 50
		C6	p. 76
		C7	p. 69
		C13	B

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Wyoming (Cont.)			
Salt Creek (Cont.)	719	B4	4
do	24366	A4	316
		B4	2
do	24374	B3	Table 1
		B4	1
do	24704	C68	283a
do	26655	C68	283b
		G7	273
do	30-1	B8	p. 20
do	30-27	A6	p. 167
		B8	p. 42
do	34-045	A6	p. 165
do	34-049	A6	p. 166
do	34-050	A6	p. 164
do	34-051	A6	p. 166
do	34-053	A6	p. 165
do	38L-8	A6	p. 167
Shannon	556	A4	317
		C2	p. 20
		C3	p. 5
Shawnee	37L-36	A6	p. 168
Sheep Creek	35023	A6	p. 168
Shoshone	37L-19	A6	p. 169
do	30442	A6	p. 169
		B8	p. 54
Simpson Ridge	37L-28	A6	p. 170
Spindletop	30-30	A6	p. 171
		B8	p. 45
Spring Creek	30-21	B8	p. 37
do	37L-39	A6	p. 171
Spring Valley	36L-4	A6	p. 172
Sunshine, North	30-18	A6	p. 172
		B8	p. 34
do	30438	C30	E, Table 1
Sunshine, South	30-19	A6	p. 173
		B8	p. 35
Teapot (Naval Reserve)	23025	A4	318
		A6	p. 157
Teapot (published as East Teapot)	33-035	A6	p. 132
Thornton	----	A6	p. 173

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Wyoming (Cont.)			
Torchlight	----	A6	p. 174
Warm Springs	565	A4	319
		C2	p. 27
do	30-7	B8	p. 24
do	37L-43	A6	p. 174
Waugh	36L-6	A6	p. 175
		C35	p. 23
Wertz	37L-5	A6	p. 175
		C35	p. 24
do	39106	G7	279
---	----	C12	Sec. XI
Canada			
Bothwell	929	B2	p. 19
Calgary	920	B2	p. 15
do	921	B2	p. 15
do	922	B2	p. 16
do	923	B2	p. 16
do	924	B2	p. 17
do	925	B2	p. 17
do	926	B2	p. 18
Fort Norman	931	B2	p. 20
Mosa	930	B2	p. 20
Oil Springs	928	B2	p. 19
Petrolia	927	B2	p. 18
Stony Creek	23049	B2	p. 21
do	23050	B2	p. 21
Mexico			
Alamo	990	B2	p. 22
Cerro Azul	1022	B2	p. 22
do	1023	B2	p. 23
Chapapote Nunez	1021	B2	p. 23
Gonzalo	993	B2	p. 27
Potrero del Llano	1024	B2	p. 24
do	1025	B2	p. 24
Tampico District	38L-19	C48	p. 52
Tierra Blanca	1020	B2	p. 25

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
Mexico (Cont.)			
Topila	991	B2	p. 27
Toteco	811	A2	Table 2
		B2	p. 26
		C9	p. 10
do	1026	B2	p. 25
do	1027	B2	p. 26
Zurita	992	B2	p. 28
SOUTH AMERICA			
Argentina			
Comodoro Rividavia	915	B2	p. 34
do	1037	B2	p. 34
Mendoza - Neuquen	916	B2	p. 35
Plaza Huincul	1038	B2	p. 35
Colombia			
Infantas	1039	B2	p. 37
do	1040	B2	p. 37
Peru			
(High Cold Test Crude)	933	B2	p. 38
Lobitos	932	B2	p. 38
Trinidad			
Barrackpore	950	B2	p. 32
Brighton	954	B2	p. 32
Fyzabad	951	B2	p. 33
Lot 1, Morne L'Enfer Reserve	946	B2	p. 30
Lot 4, do	947	B2	p. 31
Parry Lands, Lot 3, do	953	B2	p. 31
Point Fortin	952	B2	p. 33
Tabaquite	948	B2	p. 28
do	949	B2	p. 29
do	955	B2	p. 29
do	956	B2	p. 30
Venezuela			
Ambrosio	26275	C14	p. 10
El Mene	26274	C14	p. 13
La Conception	26273	C14	p. 12

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
SOUTH AMERICA (Cont.)			
Venezuela (Cont.)			
Lake Maricaibo	998	B2	p. 36
		C14	p. 9
La Rosa	26276	C14	p. 11
Mene Grande	23539	B2	p. 36
		C14	p. 8
AFRICA			
Algeria			
Tliouanet	29654	A5	p. 131
Angola			
----	533	A5	p. 134
----	534	A5	p. 134
Egypt			
Abu Durba	994	A5	p. 133
Gemsah	997	A5	p. 132
Hurghada	996	A5	p. 131
do	30401	A5	p. 132
ASIA			
Arabia			
Farsan Island	995	A5	p. 133
Burma			
Minbu	23224	A5	p. 90
Singu (Chauk)	23219	A5	p. 89
Yenangyat	23222	A5	p. 90
Yenangyaung	23225	A5	p. 89
India			
Attock (Khaur) (now in Pakistan)	23223	A5	p. 92
Badarpur	23220	A5	p. 92
		B11	p. 20
do	23221	A5	p. 91
Digboi	23216	A5	p. 91
Iran			
Haft-Kel	30319	A5	p. 83
Masjid-i-Sulaiman	30317	A5	p. 82
do	30318	A5	p. 82

TABLE 2. -- Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
ASIA (Cont.)			
Iraq			
Kirkuk	30320	A5	p. 83
Japan			
Higashiyama	971	A5	p. 104
Ishikari	30205	A5	p. 98
Iwase	30208	A5	p. 100
Kanatsu	30211	A5	p. 103
Katsurane	974	A5	p. 101
Kokumi (Ogumi)	30210	A5	p. 102
Kubiki	976	A5	p. 105
Kurokawa	973	A5	p. 99
Maki	30214	A5	p. 106
Masuhoro	30206	A5	p. 98
Michikawa	30207	A5	p. 100
Nanukaichi	30213	A5	p. 104
Niitsu	972	A5	p. 102
Nishiyama	970	A5	p. 105
Omo	30212	A5	p. 103
Shukkoko	969	A5	p. 106
Toyakawa	975	A5	p. 99
Yuri	30209	A5	p. 101
Russia in Asia			
Chimion	30244	A5	p. 75
do	30245	A5	p. 74
Dossor	30246	A5	p. 73
do	30247	A5	p. 73
Makat	30248	A5	p. 74
Sakhalin Island	32119	A5	p. 77
do	32121	A5	p. 78
Sel Kokho	30237	A5	p. 75
do	30238	A5	p. 76
do	30242	A5	p. 76
Shor-Su	30243	A5	p. 77
EAST INDIES AND NEW ZEALAND			
Borneo			
Sanga Sanga District	1246	A5	p. 118
do	1247	A5	p. 117
do	30394	A5	p. 119
do	30395	A5	p. 117
Tarakan	1248	A5	p. 116
do	30397	A5	p. 116

TABLE 2. -- Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
EAST INDIES AND NEW ZEALAND (Cont.)			
Java			
Dandangilo	1241	A5	p. 125
Ledok	1240	A5	p. 124
Ngrajoeng	1242	A5	p. 126
Petak	1254	A5	p. 124
Semanggi	1243	A5	p. 126
----	30400	A5	p. 125
Sarawak			
Miri	23052	A5	p. 114
do	25329	A5	p. 113
do	25330	A5	p. 114
do	25331	A5	p. 115
do	25332	A5	p. 115
do	30396	A5	p. 113
Sumatra			
Babat	1252	A5	p. 121
Batoe Kras	1250	A5	p. 122
East Coast District	30398	A5	p. 119
Palembang	1249	A5	p. 120
Palembang, North	1251	A5	p. 121
Pangkalan Soesoe	1244	A5	p. 120
Perlak	1245	A5	p. 119
South Sumatra	30399	A5	p. 123
Talang-Akar	1255	A5	p. 122
do	30315	A5	p. 123
New Zealand			
Muturoa	30314	A5	p. 127
EUROPE			
Albania			
Kuchova	30403	A5	p. 9
Patos	30402	A5	p. 8
Czechoslovakia			
Gbely (Egbell)	31074	A5	p. 11
Hodonin (Göding)	29666	A5	p. 11

TABLE 2. - Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
EUROPE (Cont.)			
France			
Gabian	29670	A5	p. 15
Pechelbronn	24337	A5	p. 16
do	24338	A5	p. 18
do	24339	A5	p. 15
do	24340	A5	p. 17
do	29667	A5	p. 16
do	29668	A5	p. 17
Germany			
Hänigsen	29675	A5	p. 25
Nienhagen	29676	A5	p. 25
Oberg	29677	A5	p. 24
Synthetic crude oil[41]	37197	B11	p. 24
Wietze	29671	A5	p. 26
do	29672	A5	p. 27
do	29673	A5	p. 26
do	29674	A5	p. 24
Great Britain			
Glapwell Pit, England	38136	B11	J
Midland District, do	29669	A5	p. 29
Midlothian District, Scotland	23051	A5	p. 29
Greece			
Zante	29678	A5	p. 58
Italy			
Neviano dei Rossi	30185	A5	p. 32
Ozzano-Ricco	30186	A5	p. 33
Rallio-Montechiaro	30187	A5	p. 32
Tabiano	30184	A5	p. 33
Poland			
Bitkow	1194	A5	p. 36
Boryslaw	30502	A5	p. 37
Boryslaw-Tustanowice	1196	A5	p. 36
Schodnica	1193	A5	p. 37
Schodnica-Urycz-Pereprostyna	1195	A5	p. 38

TABLE 2. — Finding list for crude-oil analyses (cont.)

Field	Sample number	Reference designation	Item in reference
EUROPE (Cont.)			
Rumania			
Arbanasi	1161	A5	p. 53
do	30295	A5	p. 53
Baicoi	1159	A5	p. 47
do	1160	A5	p. 47
Bordeni	30299	A5	p. 51
Bustenari	1158	A5	p. 46
Campina	1157	A5	p. 48
Chiciura	30297	A5	p. 51
Filipesti	1154	A5	p. 50
Gura-Ocnitei	1153	A5	p. 52
Moinesti-Stanesti	30296	A5	p. 54
Moreni	1150	A5	p. 46
do	1151	A5	p. 45
do	1152	A5	p. 45
Ochiuri-Rasvad	30294	A5	p. 52
Runcu	1156	A5	p. 49
do	30298	A5	p. 50
do	30300	A5	p. 49
Tintea	30301	A5	p. 48
Russia in Europe			
Balakany	27371	A5	p. 70
do	30233	A5	p. 71
Bibi-Eibat	27372	A5	p. 70
Binagadi	30235	A5	p. 69
Chusovskii Gorodki	31067	A5	p. 66
do	31068	A5	p. 66
New Grosny	31049	A5	p. 67
do	31050	A5	p. 67
Ramani	27373	A5	p. 72
do	30236	A5	p. 72
Sabunchi	30234	A5	p. 71
Surakany	30232	A5	p. 69
Voznesenski	31051	A5	p. 68
do	31052	A5	p. 68
Yugoslavia			
Selnica	30249	A5	p. 56

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[41] A product synthesized from materials derived from coal and other raw materials.